

The Magazine of Standards
in two parts — Part 2
March 1960

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AMERICAN STANDARDS

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PRICE LIST
& INDEX

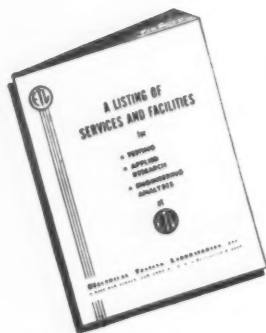
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- AUSTRALIA:** Standards Association of Australia, Science House, Gloucester and Essex Streets, Sydney
- AUSTRIA:** Oesterreichischer Normenausschuss, Bauernmarkt 13, Vienna 1
- BELGIUM:** Institut Belge de Normalisation, 29 Avenue de la Brabançonne, Bruxelles 4
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- BULGARIA:** Comité Supérieur de Normalisation de la République Populaire de Bulgarie, 5 Rue Jdanov, Sofia
- BURMA:** Union of Burma Applied Research Institute, Junction of Kaba Aye Pagoda-Kanbe Roads, Rangoon
- CANADA:** Canadian Standards Association, 235 Montreal Road, Ottawa 2
- CHILE:** Instituto Nacional de Investigaciones Tecnológicas y Normalización, Teatinos 20, 20 Piso, Santiago
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- COLOMBIA:** Universidad Industrial de Santander, Ciudad Universitaria, Bucaramanga
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American Standards

See Index on page 59.

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<i>AASHO</i>	American Association of State Highway Officials	<i>EIA</i>	Electronic Industries Association
<i>AATCC</i>	American Association of Textile Chemists and Colorists	<i>IPCEA</i>	Insulated Power Cable Engineers Association
<i>ACI</i>	American Concrete Institute	<i>IRE</i>	Institute of Radio Engineers
<i>AGMA</i>	American Gear Manufacturers Association	<i>ITE</i>	Institute of Traffic Engineers
<i>AIA</i>	American Institute of Architects	<i>JAN</i>	Joint Army-Navy Specification
<i>AIEE</i>	American Institute of Electrical Engineers	<i>NBFU</i>	National Board of Fire Underwriters
<i>API</i>	American Petroleum Institute	<i>NBS</i>	National Bureau of Standards
<i>ASRE</i>	American Society of Refrigerating Engineers	<i>NEMA</i>	National Electrical Manufacturers Association
<i>ASTM</i>	American Society for Testing Materials	<i>NFPA</i>	National Fire Protection Association
<i>AWWA</i>	American Water Works Association	<i>RETMA</i>	Radio-Electronics-Television Manufacturers Association; name changed to Electronic Industries Association (EIA)
<i>BLS</i>	U. S. Bureau of Labor Statistics Bulletin	<i>SAE</i>	Society of Automotive Engineers
<i>BMTP</i>	U. S. Bureau of Mines Technical Paper	<i>SPR</i>	Simplified Practice Recommendation
		<i>UL</i>	Underwriters' Laboratories

Legend

A solid star (★) indicates new and revised standards approved since the last (March 1959) issue of this list.

An open star (☆) indicates that the standard is not yet available and price will be announced at a later date.

A dagger (†) indicates American Standards published by ASA to which quantity prices apply.

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A1.2-1948 R1950	Sampling Hydraulic Cement, Methods of (ASTM C183-46)30	A1.14-1950	Tensile Strength of Hydraulic Cement Mortars, Method of Test for (ASTM C190-49)30
A1.3-1954	Masonry Cement, Specifications for (ASTM C91-53)30	A1.15-1954	Time of Setting of Hydraulic Cement by the Vicat or Gillmore Needles, Methods of Test for (ASTM C191-52)30
A1.4-1954	Compressive Strength of Hydraulic Cement Mortars, Method of Tests for (ASTM C109-52)30	A1.16-1954	Air-Entraining Portland Cement, Specifications for (ASTM C175-53)30
A1.5-1954	Chemical Analysis of Portland Cement, Methods of (ASTM C114-53; AASHO T105-53 [Part I])60	A1.17-1954	Time of Setting of Hydraulic Cement by Gillmore Needles, Method of Test for (ASTM C266-51T)30
A1.6-1950	Chemical Analysis of Portland Cement, Methods of (ASTM C114-51T)		A2.1-1956	Fire Tests of Building Construction and Materials, Methods of (ASTM E119-55) ..	.30
A1.7-1954	Fineness of Portland Cement by the Turbidimeter, Method of Test for (ASTM C115-53; AASHO T98-53)30	A2.2-1956	Fire Tests of Door Assemblies, Methods of (ASTM E152-55T)30
A1.8-1954	Autoclave Expansion of Portland Cement, Method of Test for (ASTM C151-53)30	A2.3-1956	Combustible Properties of Treated Wood by the Fire-Tube Apparatus, Method of Test for (ASTM E69-50)30
A1.9-1954	Air Content of Portland Cement Mortar, Method of Test for (ASTM C185-53T) ..	.30	A2.4-1956	Combustible Properties of Treated Wood by the Crib Test, Method of Test for (ASTM E160-50)30
A1.10-1954	Heat of Hydration of Portland Cement, Method of Test for (ASTM C186-53)30	A6.1-1956	Drain Tile, Specifications for (ASTM C4-55)	.30
A1.11-1950	Normal Consistency of Hydraulic Cement, Method of Test for (ASTM C187-49)30	A9.1-1953	Building Exits Code (NFPA 101; AIA 40-B-7)	Out of print
A1.12-1948 R1950	Specific Gravity of Hydraulic Cement, Method of Test for (ASTM C188-44)30	A10.1-1951	Manual of Accident Prevention in Construction	Out of print
			A10.2-1944	†Building Construction, Safety Code for...	2.00
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A17.2-1945	Elevators, Inspection of (Inspectors' Manual)	2.50	
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A21.1-1957	Computation of Strength and Thickness of Cast Iron Pipe, Manual for the (AWWA C101-57)	1.50	
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A21.4-1953	Cement Mortar Lining for Cast Iron Pipe and Fittings, Specifications for (AWWA C104)35	
A21.6-1953	Cast Iron Pipe Centrifugally Cast in Metal Molds for Water or Other Liquids, Specifications for (AWWA C106)40	
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A21.8-1953	Cast Iron Pipe Centrifugally Cast in Sand-Lined Molds, for Water or Other Liquids, Specifications for (AWWA C108)45	
A21.9-1953	Cast Iron Pipe Centrifugally Cast in Sand-Lined Molds for Gas, Specifications for..	.25	
A21.10-1952	Short-Body, Cast Iron Fittings, 3 Inch to 12 Inch, for 250-Psi, Water Pressure Plus Water Hammer, Specifications for (AWWA C110) .....	.35	
A21.11-1953	Mechanical Joint for Cast Iron Pressure Pipe and Fittings, Specifications for (AWWA C111) .....	.35	
A23.1-1948	School Lighting (AIA 31-F-28)	Out of print	
A35.1-1941 R1953	Manhole Frames and Covers for Subsurface Structures50	
● A37 — Road and Paving Materials:			
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A37.2-1951	Float Test for Bituminous Materials, Method of (ASTM D139-49; AASHTO T50-49)30	
A37.3-1954	Determination of Bitumen, Method of Test for (ASTM D4-52) .....	.30	
A37.4-1951	Amount of Material Finer than No. 200 Sieve in Aggregates, Method of Test for (ASTM C117-49; AASHTO T11-49) .....	.30	
A37.5-1943 R1948	Specific Gravity and Absorption of Coarse Aggregate, Method of Test for (ASTM C127-42) .....	.30	
● A37 — Road and Paving Materials (Continued)			
A37.6-1958	Specific Gravity and Absorption of Fine Aggregate, Method of Test for (ASTM C128-57; AASHTO T84-45) .....	.30	
A37.7-1957	Abrasion of Coarse Aggregate by Use of the Los Angeles Machine, Method of Test for (ASTM C131-55; AASHTO T96) .....	.30	
A37.8-1947 R1948	Sieve Analysis of Fine and Coarse Aggregates, Method of Test for (ASTM C136-46; AASHTO T27-46) .....	.30	
A37.9-1957	Distillation of Tars and Tar Products, Method of Test for (ASTM D20-56; AASHTO T52) .....	.30	
A37.10-1943 R1948	Softening Point of Bituminous Materials (Ring-and-Ball Method), Method of Test for (ASTM D36-26; AASHTO T53-42) .....	.30	
A37.11-1945 R1948	Ductility of Bituminous Materials, Method of Test for (ASTM D115-44; AASHTO T51-44) .....	.30	
A37.12-1943 R1948	Proportion of Bitumen Soluble in Carbon Tetrachloride, Method of Test for (ASTM D165-42) .....	.30	
A37.13-1943 R1957	Residue of Specified Penetration, Method of Test for (ASTM D243-36; AASHTO T56-42) .....	.30	
A37.14-1957	Sieve Analysis of Mineral Filler, Method of Test for (ASTM D546-55; AASHTO T37-55) .....	.30	
A37.15-1948	Paving Brick, Specifications for (ASTM C7-42; AASHTO M40-42 and T31-42) .....	.30	
A37.16-1957	Unit Weight of Aggregate, Method of Test for (ASTM C29-55; AASHTO T19)30	
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A37.18-1957	Compressive Strength of Molded Concrete Cylinders, Method of Test for (ASTM C39-56T, AASHTO T22)30	
A37.19-1957	Organic Impurities in Sands for Concrete, Method of Test for (ASTM C40-56T) ..	.30	
A37.20-1958	Securing, Preparing, and Testing Specimens from Hardened Concrete for Compressive and Flexural Strengths, Methods of (ASTM C42-57; AASHTO T24-49) ....	.30	
A37.21-1948	Surface Moisture in Fine Aggregate, Method of Test for (ASTM C70-47) .....	.30	
A37.22-1958	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading), Method of Test for (ASTM C78-57; AASHTO T97) .....	.30	
A37.23-1957	Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate, Method of Test for (ASTM C88-56T; AASHTO T104) .....	.30	
A37.24-1951	Compressive Strength of Concrete Using Portions of Beams Broken in Flexure (Modified Cube Method), Method of Test for (ASTM C116-49; AASHTO T140-49) .....	.30	
A37.25-1958	Lightweight Pieces in Aggregate, Method of Test for (ASTM C123-57T) .....	.30	
A37.26-1948	Flow of Portland-Cement Concrete by Use of the Flow Table, Method of Test for (ASTM C124-39; AASHTO T120-42) .....	.30	

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price
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A37.28-1957 Clay Lumps in Natural Aggregates, Method of Test for (ASTM C142-55T; AASHO T112-55)30
A37.29-1954 Slump Test for Consistency of Portland-Cement Concrete, Method of (ASTM C143-52; AASHO T119-52) .....	.30
A37.30-1957 Sampling of Fresh Concrete, Method of (ASTM C172-54; AASHO T141) .....	.30
A37.31-1951 Measuring Length of Drilled Concrete Cores, Method of (ASTM C174-49; AASHO T148-49) .....	.30
A37.32-1948 Loss on Heating of Oil and Asphaltic Compounds, Method of Test for (ASTM D6-39T; AASHO T47-42) .....	.30
A37.33-1957 Terms Relating to Materials for Roads and Pavements, Definitions of (ASTM D8-55) .....	.30
A37.34-1948 Materials for Sand-Cement Bed for Brick and Block Pavements, Specifications for (ASTM D58-37) .....	.30
A37.35-1954 Granite Block for Pavements, Specifications for (ASTM D59-53) .....	.30
A37.36-1948 Softening Point of Tar Products (Cube-in-Water Method), Method of Test for (ASTM D61-38) .....	.30
A37.37-1958 Calcium Chloride, Specifications for (ASTM D98-56T) .....	.30
A37.38-1948 Coal-Tar Pitch for Stone Block Filler, Specifications for (ASTM D112-30) .....	.30
A37.39-1948 Recut Granite Block for Pavements, Specifications for (ASTM D131-39) .....	.30
A37.40-1948 Granite Block for Durax Pavements, Specifications for (ASTM D132-39) .....	.30
A37.41-1948 Mineral Filler for Sheet Asphalt and Bituminous Concrete Pavements, Specifications for (ASTM D242-39; AASHO M17-42) .....	.30
A37.42-1957 Testing Emulsified Asphalts, Methods of (ASTM D244-55; AASHO T59) .....	.30
A37.43-1951 Bituminous Paving Plant Inspection (ASTM D290-51) .....	.30
A37.44-1951 Sampling and Testing Calcium Chloride, Methods of (ASTM D345-48; AASHO T143-49) .....	.30
A37.45-1957 Distillation of Cut-back Asphaltic Products, Method of Test for (ASTM D402-55) .....	.30
A37.46-1948 Centrifuge Moisture Equivalent of Soils, Method of Test for (ASTM D425-39; AASHO T94-42) .....	.30
A37.47-1948 Field Moisture Equivalent of Soils, Method of Test for (ASTM D426-39; AASHO T93-42) .....	.30
A37.48-1951 Asphalt Plank, Specifications for (ASTM D517-50) .....	.30
A37.49-1957 Preformed Expansion Joint Fillers for Concrete (Non-extruding and Resilient Types), Specifications for (ASTM D544-49) .....	.30
A37.50-1958 Moisture-Density Relations of Soil-Cement Mixtures, Method of Test for (ASTM D558-57; AASHO T134)30

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● A37 — Road and Paving Materials (Continued)	
A37.51-1958 Wetting-and-Drying Tests of Compacted Soil-Cement Mixtures, Method of (ASTM D559-57; AASHO T135)30
A37.52-1958 Freezing-and-Thawing Test of Compacted Soil-Cement Mixtures, Method of (ASTM D560-57; AASHO T136) .....	.30
A37.53-1948 Cut-back Asphalt (Rapid Curing Type), Specifications for (ASTM D597-46; AASHO M81-42) .....	.30
A37.54-1948 Cut-back Asphalt (Medium Curing Type), Specifications for (ASTM D598-46; AASHO M82-42) .....	.30
A37.55-1958 Emulsified Asphalt, Specifications for (ASTM D977-57) .....	.30
A37.56-1948 Sodium Chloride, Specifications for (ASTM D632-43) .....	.30
A37.57-1948 Volume Correction Table for Tar and Coal-Tar Pitch (ASTM D633-44) .....	.30
A37.58-1958 Cement Content of Soil-Cement Mixtures, Method of Test for (ASTM D806-57; AASHO T144) .....	.30
A37.59-1951 Sulfonation Index of Road Tars, Method of Test for (ASTM D872-48; AASHO T108-48) .....	.30
A37.60-1957 Cotton Mats for Curing Concrete Pavements, Specifications for (AASHO M73-49)	\$
A37.61-1957 Subgrade Paper, Specifications for (AASHO M74-55)	•
A37.62-1957 Quality of Water to Be Used in Concrete, Method of Test for (AASHO T26-51) ...	•
A37.63-1948 Specific Viscosity (Engler), Method of Test for (AASHO T34-35)	N
A37.64-1948 Percentage of Bitumen and Bituminous Mixtures, Method of Test for (AASHO T38-37)	•
A37.65-1948 Flash Point with Tagliabue Open Cup, Method of Test for (AASHO T79-42) ..	B
A37.66-1948 Swell Characteristics of Aggregates, Methods of Test for (AASHO T101-42)	•
A37.67-1948 Spot Test of Asphaltic Materials, Method of Test for (AASHO T102-42)	•
A37.68-1948 Inorganic Matter or Ash, Method of Test for (AASHO T111-42)	w
A37.69-1957 Ready-Mixed Concrete, Specifications for (ASTM C94-55T) .....	.30
A37.70-1957 Air Content of Freshly Mixed Concrete by the Pressure Method, Method of Test for (ASTM C231-56T; AASHO T152) ..	.30
A37.71-1954 Specific Gravity of Road Oils, Road Tars, Asphalt Cements, and Soft Tar Pitches, Method of Test for (ASTM D70-52)...	.30
A37.72-1954 Specific Gravity of Asphalts and Tar Pitches Sufficiently Solid To Be Handled in Fragments, Method of Test for (ASTM D71-52) .....	.30
A37.73-1951 Toughness of Rock, Method of Test for (ASTM D3-18) .....	.30
A37.74-1951 Materials for Cement Grout Filler for Brick and Stone Block Pavements, Specifications for (ASTM D57-20) .....	.30

Note: Available only in 3-volume edition (not sold separately) of Standard Specifications for Highway Materials and Methods of Sampling and Testing, published by AASHO, 917 National Press Building, Washington 4, D. C., \$10.00.

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	Price		Price
●A37 — Road and Paving Materials (Continued)		●A62 — Modular Coordination (Continued)	
A37.75-1951	Sampling Stone, Slag, Gravel, Sand, and Stone Block for Use as Highway Materials, Methods of (ASTM D75-48).....	A62.2-1945	†Coordination of Masonry, Basis for the..
		A62.3-1946	†Clay and Concrete Modular Masonry Units, Sizes of
		A62.4-1947	†Clay Flue Linings, Sizes of
A38-1933	Steel Reinforcing Spirals (SPR R53-32)		
	Out of print	A66.1-1951	Keene's Cement, Specifications for (ASTM C61-50)
★A39.1-1959	†Window Cleaning, Safety Code for.....	A67.1-1956	Gypsum Lath, Specifications for (ASTM C37-54)
A40.1-1935	Cast-Iron Soil Pipe and Fittings.....	A68.1-1956	Gypsum Sheathing Board, Specifications for (ASTM C79-54)
A40.2-1936	(Revised and Redesignated as B16.26-1958)	★A69.1-1959	Gypsum Wallboard, Specifications for (ASTM C36-58)
A40.4-1942	Air Gaps in Plumbing Systems.....	A70.1-1957	Gypsum and Gypsum Products, Methods of Testing (ASTM C26-56)
A40.6-1943	Backflow Preventers in Plumbing Systems.....	A73.1-1942	Concrete Masonry Units for Construction for Catch Basins and Manholes, Specifications for (ASTM C139-39)
A40.5-1943	Threaded Cast-Iron Pipe for Drainage, Vent, and Waste Services	R1950	A74.1-1958
A40.8-1955	National Plumbing Code		Structural Clay Load-Bearing Wall Tile, Specifications for (ASTM C34-57)
A41.1-1953	Masonry, Building Code Requirements for (NBS 211)	A75.1-1956	Concrete Building Brick, Specifications for (ASTM C55-55)
A42.1-1955	Gypsum Plastering, Specifications for (AIA 20-A-2)	A76.1-1958	Structural Clay Non-Load-Bearing Tile, Specifications for (ASTM C56-57)
A42.4-1955	Interior Lathing and Furring, Specifications for (AIA 21-A-2)	A77.1-1958	Structural Clay Floor Tile, Specifications for (ASTM C57-57)
A42.2-1946	Portland Cement Stucco, Specifications for (AIA 21-D)	A78.1-1952	Sand-Lime Building Brick, Specifications for (ASTM C73-51)
A42.3-1946	Portland Cement Plastering, Specifications for (AIA 21-A-4)	A79.1-1953	Hollow Load-Bearing Concrete Masonry Units, Specifications for (ASTM C90-52)
A48-1932	†Forms for Concrete Joist Construction Floors	A80.1-1953	Hollow Non-Load-Bearing Concrete Masonry Units, Specifications for (ASTM C129-52)
A49.1-1951	Gypsum, Specifications for (ASTM C22-50)	A81.1-1953	Solid Load-Bearing Concrete Masonry Units, Specifications for (ASTM C145-52)
★A49.3-1959	Gypsum Plasters, Specifications for (ASTM C28-58)	A82.1-1958	Sampling and Testing Brick, Methods of (AASHTO T32 ; ASTM C67-57)
A49.4-1951	Gypsum Molding Plaster, Specifications for (ASTM C59-50)	A83.1-1953	Sampling and Testing Structural Clay Tile, Methods of (ASTM C112-52)
★A50.1-1959	Billet-Steel Bars for Concrete Reinforcement, Specifications for (ASTM A15-58T)	A84.1-1956	Sampling and Testing Concrete Masonry Units, Methods of (ASTM C140-56)
A50.2-1958	Rail-Steel Bars for Concrete Reinforcement, Specifications for (ASTM A16-57T)	A85.1-1956	†Protective Lighting, Practice for
G43.1-1958	Axle-Steel Bars for Concrete Reinforcement, Specifications for (ASTM A160-57T)	A87.1-1957	†Open Web Steel Joist Construction Short-span Series, Specifications for
★A50.3-1959	Cold-Drawn Steel Wire for Concrete Reinforcement, Specifications for (ASTM A82-58T)		
A53.1-1946	†Light and Ventilation, Building Code Requirements for		
A55.1-1948	†Administrative Requirements for Building Codes	●A88 — Oxychloride Cements:	
A56.1-1952	Excavations and Foundations, Building Code Requirements for	A88.1-1951	Preparation of Subfloors to Receive Oxychloride Composition Flooring, Specification for (AIA 23-D)
A57.1-1952	Design, Fabrication, and Erection of Structural Steel for Buildings, Specification for the	A88.2-1952	General Purpose Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)
A58.1-1955	†Minimum Design Loads in Buildings and Other Structures, Building Code Requirements for	A88.3-1952	Heavy Duty Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)
		A88.4-1952	Basecoat Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)
		A88.5-1952	Non-Slip Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)
		A88.6-1952	Terrazo Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)
A 24- x 36-inch reproduction of Fig. 1, Minimum Allowable Resultant Wind Pressures, of American Standard A58.1-1955 available at \$1.50 per copy.			
A59.1-1954	Reinforced Gypsum Concrete, Specifications for		
A60.1-1949	†Signs and Outdoor Display Structures, Building Code Requirements for		
●A62 — Modular Coordination:			
A62.1-1957	†Coordination of Dimensions of Building Materials and Equipment, Basis for the		

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	Price		Price
● A88 — Oxychloride Cements (Continued)			
A88.7-1952	Industrial Granolithic Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)	A90.1-1949 R1956	Manlifts, Safety Code for 1.00
	.35	A93.1-1948	Indiana Limestone, Specifications for 50
A88.8-1952	Oxycement Underlayment and Its Installation, Specifications for (AIA 23-D)	A94.1-1948	†Interior Marble, Specifications for 50
	.35	A94.2-1955	Support, Anchorage, and Protection of Exterior Marble Veneer 2" and Less in Thickness, Specifications for the (AIA 8-B-1) 1.25
A88.9-1955	Nonspark Conductive Oxychloride Composition Flooring and Its Installation, Specifications for	A94.3-1955	Exterior Marble Used in Curtain or Panel Walls, Specifications for (AIA 8-B-1) . . .
	.35	A97.1-1958	Gypsum Wallboard Finishes, Specifications for75
A88.10-1953	Magnesium Oxychloride Compositions and Ingredients, Method of Sampling (ASTM C237-51)	★A98.1-1959	Building Brick (Solid Masonry Units Made from Clay or Shale), Specifications for (ASTM C62-58)30
	.30	A99.1-1958	Facing Brick (Solid Masonry Units Made from Clay or Shale), Specifications for (ASTM C216-57)30
A88.11-1953	Sieve Analysis of Magnesium Oxychloride Compositions, Aggregates, and Fillers, Method of Test for (ASTM C258-51)	★A100.1-1959	Sewer Brick (Made from Clay or Shale), Specifications for (ASTM C32-58)30
	.30	A101.1-1958	Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units, Specifications for (ASTM C126-57T)30
A88.12-1953	Sieve Analysis of Plastic Calcined Magnesia, Method of Test for (ASTM C239-51)	A102.1-1956	Vitrified Clay Filter Block for Trickling Filters, Specifications for (ASTM C159-55) . . .30
	.30	A103.1-1954	Chemical-Resistant Masonry Units, Specifications for (ASTM C279-54)30
A88.13-1953	Chemical Analysis of Magnesium Sulfate, Technical Grade, Methods for (ASTM C244-52)	A104.1-1956	Terms Relating to Structural Clay Tile, Definitions of (ASTM C43-55)30
	.30	A105.1-1956	Gypsum Partition Tile or Block, Specifications for (ASTM C52-54)30
A88.14-1953	Chemical Analysis of Magnesium Chloride, Methods for (ASTM C245-52)	A106.1-1958	Standard Strength Perforated Clay Pipe, Specifications for (ASTM C211-57T)30
	.30	A106.2-1955	Installing Clay Sewer Pipe, Recommended Practice for (ASTM C12-54)30
A88.15-1953	Physical Testing of Magnesia for Magnesium Oxychloride Cements, Method of (ASTM C246-52)	A106.3-1958	Standard Strength Clay Sewer Pipe, Specifications for (ASTM C13-57T)30
	.30	A106.4-1958	Standard Strength Ceramic Glazed or Unglazed Clay Sewer Pipe, Specifications for (ASTM C261-57T)30
★A88.16-1959	Ignition Loss and Active Calcium Oxide in Magnesium Oxide for Use in Magnesium Oxychloride Cements, Methods of Test for (ASTM C247-57)	A106.5-1955	Testing Clay Pipe, Methods of (ASTM C301-54)30
	.30	A107.1-1958	Inorganic Aggregates for Use in Gypsum Plaster, Specifications for (ASTM C35-57T)30
A88.17-1953	Bulk Density of Magnesium Oxychloride Cements, Method of Test for (ASTM C248-52)	A108.1-1958	Installation of Glazed Ceramic Wall Tile in Cement Mortars, Specifications for (Including Requirements of Related Divisions)30
	.30	A108.2-1958	Installation of Ceramic Mosaic Tile in Cement Mortars, Specifications for (Including Requirements of Related Divisions) 1.50
A88.18-1953	Field Consistency of Magnesium Oxychloride Cements, Method of Slump Test (ASTM C249-52)	A108.3-1958	Installation of Quarry Tile and Pavers in Cement Mortars, Specifications for (Including Requirements of Related Divisions)30
	.30	A109.1-1955	Primer for Use with Asphalt in Waterproofing and Waterproofing, Specifications for (ASTM D41-41)30
A88.19-1953	Field Determination of Specific Gravity of Gaging Solutions for Magnesium Oxychloride Cements, Specifications for, and Method for (ASTM C250-52)	A109.2-1956	Asphalt-Saturated Roofing Felt for Use in Waterproofing and in Constructing Built-up Roofs, Specifications for (ASTM D226-56)30
	.30		
A88.20-1953	Mixing Magnesium Oxychloride Cement Compositions with Gaging Solutions (for Preparation of Specimens for Laboratory Tests), Method for (ASTM C251-52)		
	.30		
A88.21-1953	Linear Contraction of Magnesium Oxychloride Cements, Method of Test for (ASTM C252-52)		
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A88.22-1953	Linear Change of Magnesium Oxychloride Cements, Method of Test for (ASTM C253-52)		
	.30		
A88.23-1953	Setting Time of Magnesium Oxychloride Cements, Method of Test for (ASTM C254-52)		
	.30		
A88.24-1953	Consistency of Magnesium Oxychloride Cements by the Flow Table, Method of Test for (ASTM C255-52)		
	.30		
A88.25-1953	Flexural Strength of Magnesium Oxychloride Cements (Using Simple Bar with Two-Point or Single-Point Loading), Method of Test for (ASTM C256-52)		
	.30		
A88.26-1953	Compressive Strength of Magnesium Oxychloride Cements, Method of Test for (ASTM C257-52)		
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A89.1-1957	Reinforced Concrete, Building Code Requirements for (ACI 318-56)		
	1.00		

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A109.3-1956	Coal-Tar Saturated Roofing Felt for Use in Waterproofing and in Constructing Built-up Roofs, Specifications for (ASTM D227-56)30	A111.11-1955	Crushing Strength and Modulus of Rupture of Insulating Fire Brick at Room Temperature, Methods of Test for (ASTM C93-54)30
A109.4-1956	Asphalt-Saturated Asbestos Felts for Use in Waterproofing and in Constructing Built-up Roofs, Specifications for (ASTM D250-56) ..... .30	A111.12-1955	Ground Fire Clay as a Mortar for Laying-up Fireclay Brick, Specifications for (ASTM C105-47) ..... .30
A109.5-1955	Asphalt-Saturated and Coated Asbestos Felts for Use in Constructing Built-up Roofs, Specifications for (ASTM D655-47) ..... .30	A111.13-1955	Refractories for Incinerators, Specifications for (ASTM C106-51) ..... .30
A109.6-1955	Coal-Tar Pitch, for Roofing, Dampproofing, and Waterproofing, Specifications for (ASTM D450-41) ..... .30	A111.14-1955	Panel Spalling Test for High Duty Fireclay Brick, Method of ASTM (C107-52) .... .30
A109.7-1955	Coal-Tar Pitch for Steep Built-up Roofs, Specifications for (ASTM D654-49) <i>Out of print</i>	A111.15-1955	Test for Reheat Change of Refractory Brick, Method of (ASTM C113-46) .... .30
A109.8-1955	Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing and Shingles, Method of Test for (ASTM D451-40) .. .30	A111.16-1955	Panel Spalling Test for Super Duty Fireclay Brick, Method of (ASTM C122-52) .. .30
A109.9-1955	Sieve Analysis of Nongranular Mineral Surfacing for Asphalt Roofing and Shingles, Method of Test for (ASTM D452-40) ..... .30	A111.17-1955	Test for Cold Crushing Strength and Modulus of Rupture of Refractory Brick and Shapes, Methods of (ASTM C133-55) ... .30
A109.10-1957	Sampling and Testing Felted and Woven Fabrics Saturated with Bituminous Substances for Use in Waterproofing and Roofing, Methods of (ASTM D146-56T) .. .30	A111.18-1955	Test for Size and Bulk Density of Refractory Brick, Methods of (ASTM C134-41) .30
A109.11-1955	Steam Distillation of Bituminous Protective Coatings, Method of Test for (ASTM D255-28) ..... .30	A111.19-1955	Test for True Specific Gravity of Refractory Materials, Method of (ASTM C135-47) ..... .30
A109.12-1955	Woven Cotton Fabrics Saturated with Bituminous Substances for Use in Waterproofing, Specifications for (ASTM D173-44) ..... .30	A111.20-1955	Refractories for Moderate Duty Stationary Boiler Service, Specifications for (ASTM C153-51) ..... .30
A111.1-1955	Testing Refractory Brick Under Load at High Temperatures, Method of (ASTM C16-49) ..... .30	A111.21-1955	Test for Warpage of Refractory Brick and Tile, Method of (ASTM C154-41) ..... .30
A111.2-1955	Chemical Analysis of Refractory Materials, Methods of (ASTM C18-52) ..... .50	A111.22-1958	Insulating Fire Brick, Classification of (ASTM C155-57) ..... .30
A111.3-1955	Test for Apparent Porosity, Water Absorption, Apparent Specific Gravity, and Bulk Density of Burned Refractory Brick, Methods of (ASTM C20-46) ..... .30	A111.23-1955	Fireclay Plastic Refractories for Boiler and Incinerator Services, Specifications for (ASTM C176-47) ..... .30
A111.4-1956	Pyrometric Cone Equivalent (PCE) of Refractory Materials, Method of Test for (ASTM C24-56) ..... .30	A111.24-1955	Air-Setting Refractory Mortar (Wet Type) for Boiler and Incinerator Services, Specifications for (ASTM C178-47) ..... .30
★ A111.5-1959	Fireclay and High-Alumina Refractory Brick, Classification of (ASTM C27-58T) .30	A111.25-1955	Test for Combined Drying and Firing Shrinkage of Fireclay Plastic Refractories, Method of (ASTM C179-46) ..... .30
★ A111.6-1959	Basic Procedure in Panel Spalling Test for Refractory Brick, Method for (ASTM C38-58) ..... .30	A111.26-1955	Panel Spalling Test for Fireclay Plastic Refractories, Method of (ASTM C180-52) .30
A111.7-1955	Refractories for Malleable Iron Furnaces with Removable Bungs, and for Annealing Ovens, Specifications for (ASTM C63-51) ..... .30	A111.27-1955	Test for Workability Index of Fireclay Plastic Refractories, Method of (ASTM C181-47) ..... .30
A111.8-1955	Refractories for Heavy Duty Stationary Boiler Service, Specifications for (ASTM C64-51) ..... .30	A111.28-1955	Test for Thermal Conductivity of Insulating Fire Brick, Method of (ASTM C182-47) ..... .30
A111.9-1955	Terms Relating to Refractories, Definitions of (ASTM C71-55) ..... .30	A111.29-1955	Test for Bonding Strength of Air-Setting Refractory Mortar (Wet Type), Method of (ASTM C198-47) ..... .30
A111.10-1955	Sieve Analysis and Water Content of Refractory Materials, Methods of Test for (ASTM C92-46) ..... .30	A111.30-1955	Test for Refractoriness of Air-Setting Refractory Mortar (Wet Type), Method of (ASTM C199-47) ..... .30
		A111.31-1955	Test for Thermal Conductivity of Refractories, Method of (ASTM C201-47) .... .30
		A111.32-1955	Test for Thermal Conductivity of Fireclay Refractories, Method of (ASTM C202-47) ..... .30
		A111.33-1955	Test for Reheat Change of Insulating Fire Brick, Method of (ASTM C210-46) .... .30
		A111.34-1955	Fireclay-Base Castable Refractories for Boiler Furnaces and Incinerators, Specifications for (ASTM C213-55) ..... .30
		A111.35-1957	Test for Disintegration of Fireclay Refractories in an Atmosphere of Carbon Monoxide, Method of (ASTM C288-56) .30

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A111.36-1953 Single- and Double-Screened Ground Refractory Materials, Classification of (ASTM C316-55)30

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★A115.1-1959	Mortise Door Locks	} \$1.50
★A115.2-1959	Bored or Cylindrical Locks for 1¼ Inch Doors	
★A115.3-1959	Bored or Cylindrical Locks for 1⅝ Inch Doors	
★A115.4-1959	Lever Extension Flush Bolts	
	(Available separately at 50¢ each)	

★ A118.1-1959 Dry-Set Portland Cement Mortar, Specification for	1.00
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B — Mechanical Engineering

(Special price of series, including applicable abbreviation and symbol standards, \$250.00)

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★ B1.1-1960 Unified Screws Threads	5.00
B1.2-1951 Screw Thread Gages and Gaging	4.00
B1.5-1952 Acme Screw Threads	2.25
B1.7-1949 Nomenclature, Definitions, and Letter Symbols for Screw Threads	1.50
R1953	
B1.8-1952 Stub Acme Screw Threads	1.50
B1.9-1953 Buttress Screw Threads	1.50
B1.10-1958 Unified Miniature Screw Threads	1.50
B1.11-1958 Microscope Objective Thread	1.00
★ B1.12 Class 5 Interference-Fit Thread (Proposed American Standard—Published for Trial and Criticism)	1.00
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B2.1-1945 Pipe Threads	2.50
B3.4-1950 †Gaging Practices for Ball and Roller Bearings50
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B3.9-1951 †Bearing Mounting Accessories, Specifications for50
B3.10-1959 †Instrument Precision Ball Bearings, Requirements for	1.00
B3.11-1959 †Evaluating Load Ratings for Ball and Roller Bearings, Method of	1.75
B4.1-1955 Preferred Limits and Fits for Cylindrical Parts	1.50

● **B5 — Small Tools and Machine Tool Elements:**

B5c1 See B5.3 1960	
B5.1-1949 T-Slots—Their Bolts, Nuts, Tongues, and Cutters	1.50
★ B5.3-1960 Milling Cutters, Nomenclature, Principal Dimensions, etc	3.00
★ B5.4-1959 Taps, Cut and Ground Threads	2.50
★ B5.5-1959 Rotating Air Cylinders and Adapters	1.00
B5.6-1941 Jig Bushings	1.00
R1949	
B5.7-1954 Circular and Dovetail Forming Tool Blanks	1.50
B5.8-1954 Chucks and Chuck Jaws	1.50
R1959	

● **B5 — Small Tools and Machine Tool Elements (Continued)**

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★ B5.10-1960 Machine Tapers, Self-Holding and Steep Taper Series	2.00
B5.11-1954 Spindle Noses and Adjustable Adapters for Multiple Spindle Drilling Heads	1.00
B5.12-1958 Twist Drills, Straight Shank and Taper Shank Combined Drills and Countersinks	2.00
★ B5.14-1959 Reamers	2.50
B5.15-1950 Involute Splines, Side Bearing	3.00
B5.16-1952 Accuracy of Engine and Tool Room Lathes	1.00
B5.17-1958 Identifying Grinding Wheels and Other Bonded Abrasives, Markings for	1.00
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R1953	
B5.20-1958 Machine Pins	1.50
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B5.30-1958 Knurling	1.50
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B5.34-1956 Life Tests for Single-Point Tools of Sintered Carbide	1.00
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Service conditions may govern any number of valve requirements for a given operation. Once the specified needs are apparent it becomes a matter of wise selectivity in choosing the right valve for the job. You want to be certain the valve is mechanically able to do exactly as must meet your particular needs. You want to be certain you are getting the valve quality so specified. Pacific's complete line of small steel valves, 2" and smaller, affords you this assurance for all around dependable operation. This comprehensive line of valves includes gate, globe, and check valves in all of the popular pressure series, construction details and moreover, are available in a wide selection of trim materials, tailored to meet your individual needs.

Whatever type of valve is required of your immediate need, Pacific's large warehouse stock is your promise of quick delivery at a low initial cost. You will find Pacific keeps the price of good valves as low as is compatible with quality and production. For additional information call any of Pacific's conveniently located offices or write direct.

PACIFIC VALVES, INC.

Long Beach, California

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Sales Offices in Most Principal Cities with Complete Valve Reconditioning Facilities in Houston, Texas; Woodbury, New Jersey; and Broadview, Illinois.

	Price		Price
B6.11-1956	Inspection of Fine-Pitch Gears (AGMA 236.04) 2.50	●B18 — Bolts and Nuts:	
B6.12-1954	Nomenclature for Gear Tooth Wear and Failure (AGMA 110.02) 1.50	B18.1-1955	Small Solid Rivets 1.50
B6.13-1955	System for Straight Bevel Gears 1.00	B18.2-1955	Square and Hexagon Bolts and Nuts 2.00
B7.1-1956	Use, Care, and Protection of Abrasive Wheels, Safety Code for the 1.00	B18.3-1954	Socket Head Cap Screws and Socket Set Screws 1.50
B8-1932	†Protection of Industrial Workers in Foundries, Safety Code for the ..... .35	B18.4-1950	Large Rivets (½ Inch Nominal Diameter and Larger) 1.50
B9.1-1958	Mechanical Refrigeration, Safety Code for (ASRE 15-58) 1.00	B18.5-1952	Round Head Bolts 1.50
★ B11.1-1960	†Power Presses, Safety Code for ☆	B18.6-1947	Slotted and Recessed Head Screws, Machine and Tapping Types (For partial revisions of this standard, see B18.6.1-1956, B18.6.2-1956 and B18.6.4-1958) Out of Print
B13-1924	Logging and Sawmill Safety Code (NBS Handbook H5) Out of print	B18.6.1-1956	Slotted and Recessed Head Wood Screws, (Partial Revision of B18.6-1947) 1.00
B15.1-1953	Mechanical Power-Transmission Apparatus, Safety Code for 2.00	B18.6.2-1956	Hexagon Head Cap Screws, Slotted Head Cap Screws, Square Head Set Screws, and Slotted Headless Set Screws (Partial Revision of B18.6-1947) 1.50
●B16 — Pipe Flanges and Fittings:		B18.6.4-1958	Slotted and Recessed Head Tapping Screws and Metallic Drive Screws (Partial Revision of B18.6-1947) 4.00
B16b-1944	Cast-Iron Pipe Flanges and Flanged Fittings, Class 250 1.50	B18.8-1950	High-Strength High-Temperature Internal Wrenching Bolts 1.00
B16b.1-1931	Cast-Iron Pipe Flanges and Flanged Fittings (for 800-lb Hydraulic Pressure) 1.00	B18.9-1958	Plow Bolts 1.50
B16b.2-1931	Cast-Iron Pipe Flanges and Flanged Fittings (for Maximum WSP of 25 lb) 1.00	B18.10-1952	Track Bolts and Nuts 1.50
B16.1-1948	Cast-Iron Pipe Flanges and Flanged Fittings, Class 125 1.50	●	
B16.3-1951	Malleable-Iron Screwed Fittings, 150 lb. . . 1.50	B19-1938	Compressed Air Machinery and Equipment, Safety Code for Out of print
B16.4-1949	Cast-Iron Screwed Fittings, 125 and 250 lb. 1.50	B20.1-1957	Conveyors, Cableways and Related Equipment, Safety Code for 1.50
B16.5-1957	Steel Pipe Flanges and Flanged Fittings... 3.00	B24.1-1952	†Forging and Hot Metal Stamping, Safety Code for 1.00
B16.9-1958	Steel Butt-Welding Fittings 1.50	B26-1925	Fire-Hose Couplings Screw Thread 1.00
B16.10-1957	Face-to-Face and End-to-End Dimensions of Ferrous Valves 1.50	B27.1-1958	Lock Washers 2.00
B16.11-1946	Steel Socket-Welding Fittings 1.00	B27.2-1958	Plain Washers 1.00
B16.12-1953	Cast-Iron Screwed Drainage Fittings 1.00	B28.1-1949	†Mills and Calenders in the Rubber Industry, Safety Code for 2.00
B16.14-1949	Ferrous Plugs, Bushings, and Locknuts with Pipe Threads 1.00	●B29 — Transmission Chains	
B16.15-1958	Brass or Bronze Screwed Fittings, 125 lb... 1.50	B29.1-1957	Transmission Roller Chains and Sprocket Teeth (SAE SP-69) 3.00
B16.16-1948	Cast-Iron Flanges and Flanged Fittings for Refrigerant Piping, Class 300 1.00	B29.2-1957	Inverted Tooth (Silent) Chains and Sprocket Teeth (SAE SP-68) 2.00
B16.17-1949	Brass or Bronze Screwed Fittings, 250 lb... 1.00	B29.3-1954	Double-Pitch Power Transmission Roller Chains and Sprockets (SAE SP-90) 2.00
B16.18-1950	Cast-Brass Solder-Joint Fittings 1.50	B29.4-1954	Double-Pitch Conveyor Roller Chains, Attachments, and Sprockets (with Addenda B29.4a-1958) (SAE SP-91) 2.00
B16.19-1951	Malleable-Iron Screwed Fittings, Class 300. 1.00	B29.5-1954	Attachments for Transmission Roller Chains (SAE SP-92) 1.00
B16.20-1956	Ring-Joint Gaskets and Grooves for Steel Pipe Flanges 1.00	B29.6-1954	Steel Detachable Link Chain and Attachments (SAE SP-93) 2.00
B16.21-1951	Nonmetallic Gaskets for Pipe Flanges ... 1.00	B29.7-1954	Malleable-Iron Detachable Link Chain and Attachments (SAE SP-94) 3.00
B16.22-1951	Wrought Copper and Bronze Solder-Joint Fittings 1.00	B29.8-1958	Leaf Chain (SAE TR-97) 3.00
★ B16.23-1960	Cast-Bronze Solder-Joint Drainage Fittings. 2.00	B29.9-1958	Small Pitch Silent Chains and Sprocket Tooth Form (Less than ⅜ inch Pitch) (SAE TR-96) 2.00
B16.24-1953	Brass or Bronze Flanges and Flanged Fittings, 150 and 300 lb. 1.00	●	
B16.25-1958	Butt-Welding Ends for Pipe, Valves, Flanges, and Fittings 1.00	B30.1-1943	Jacks, Safety Code for 1.00
B16.26-1958	Brass Fittings for Flared Copper Tubes (Supersedes A40.2-1936) 1.00	B30.2-1943	Cranes, Derricks, and Hoists, Safety Code for 2.50
B17-1930	Woodruff Keys, Keyslots, and Cutters 1.00		

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price		Price
●B31 — Pressure Piping		●B36 — Iron and Steel Pipe (Continued)	
B31.1-1955	Code for Pressure Piping 3.50 (Current except for Sections on Refinery and Oil Transportation Piping which are listed below.)	★B36.27-1959	Seamless Low-Carbon and Carbon-Molybdenum Steel Still Tubes for Refinery Service, Specifications for (ASTM A161-58T) ..... .30
★B31.3-1959	Petroleum Refinery Piping (Partial Revision of B31.1-1955) 4.00	★B36.28-1959	Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes, Specifications for (ASTM A179-58T; ASME SA-179) ..... .30
★B31.4-1959	Oil Transportation Piping (Partial Revision of B31.1-1955) 2.50	★B36.29-1959	Seamless Cold-Drawn Intermediate Alloy-Steel Heat-Exchanger and Condenser Tubes, Specifications for (ASTM A199-58T; ASME SA-199) ..... .30
B31.8-1958	Gas Transmission and Distribution Piping Systems (Revision of B31.1.8-1955) 2.50	★B36.30-1959	Seamless Intermediate Alloy-Steel Still Tubes for Refinery Service, Specifications for (ASTM A200-58T) ..... .30
B32.1-1952 R1959	Preferred Thicknesses for Uncoated Thin Flat Metals (Under 0.250 in.) 1.00	★B36.31-1959	Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, Specifications for (ASTM A209-58T; ASME SA-209) ..... .30
B33.1-1935 R1947	Hose Coupling Screw Threads 1.00	★B36.32-1959	Electric-Resistance-Welded Steel Heat-Exchanger and Condenser Tubes, Specifications for (ASTM A214-58T; ASME SA-214) ..... .30
●B36 — Iron and Steel Pipe:		B36.33-1956	Welded Austenitic Stainless Steel Boiler, Superheater, Heat Exchanger, and Condenser Tubes, Specifications for (ASTM A249-55T; ASME SA-249) ..... .30
B36.1-1959	Welded and Seamless Steel Pipe, Specifications for (ASTM A53-58; ASME SA-53) ... .30	★B36.34-1959	Electric-Resistance-Welded Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, Specifications for (ASTM A250-58T; ASME SA-250) ..... .30
B36.2-1958	Welded Wrought-Iron Pipe, Specifications for (ASTM A72-56T; ASME SA-72) .... .30	B36.35-1956	Copper Brazed Steel Tubing, Specifications for (ASTM A254-55T) ..... .30
★B36.3-1959	Seamless Carbon-Steel Pipe for High-Temperature Service, Specifications for (ASTM A106-58T; ASME SA-106) ..... .30	B36.36-1956	Seamless and Welded Ferritic Stainless Steel Tubing for General Service, Specifications for (ASTM A268-55; ASME SA-268) ..... .30
B36.4-1956	Electric-Fusion (Arc)-Welded Steel Plate Pipe Sizes, 16 in. and Over, Specifications for (ASTM A134-54) ..... .30	B36.37-1956	Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specifications for (ASTM A269-55) ..... .30
B36.5-1956	Electric-Resistance-Welded Steel Pipe, Specifications for (ASTM A155-55T; ASME SA-155) ..... .30	B36.38-1956	Seamless and Welded Austenitic Stainless Steel Sanitary Tubing, Specifications for (ASTM A270-55) ..... .30
★B36.9-1959	Electric-Fusion (Arc)-Welded Steel Pipe, Sizes 4 in. and Over, Specifications for (ASTM A139-58) ..... .30	B36.39-1956	Seamless Austenitic Chromium-Nickel Steel Still Tubes for Refinery Service (ASTM A271-55) ..... .30
★B36.10-1959	Wrought-Steel and Wrought-Iron Pipe ... 1.50	★B36.40-1959	Seamless and Welded Steel Pipe for Low-Temperature Service, Specifications for (ASTM A333-58T; ASME SA-333) ..... .30
B36.11-1958	Electric-Fusion-Welded Steel Pipe for High-Temperature Service, Specifications for (ASTM A155-56T) ..... .30	★B36.41-1959	Seamless and Welded Steel Tubes for Low-Temperature Service, Specifications for (ASTM A334-58T; ASME SA-334) ..... .30
★B36.12-1959	Seamless Steel Boiler Tubes, Specifications for (ASTM A83-58T; ASME SA-83) .... .30	B36.42-1956	Seamless Ferritic Alloy Steel Pipe for High-Temperature Service, Specifications for (ASTM A335-55T; ASME SA-335) ..... .30
★B36.13-1959	Electric-Resistance-Welded Steel and Open-Hearth Iron Boiler Tubes, Specifications for (ASTM A178-58T; ASME SA-178) ... .30		
B36.14-1956	Seamless Steel Boiler Tubes for High-Pressure Service (ASTM A192-55T; ASME SA-192) ..... .30	B38.1-1955	†Food-Storage Volume and Shelf Area of Automatic Household Refrigerators, Method of Computing (NEMA HRF 1-1953) ..... .35
★B36.15-1959	Medium-Carbon Seamless Steel Boiler and Superheater Tubes, Specifications for (ASTM A210-58T; ASME SA-210) ..... .30	B38.2-1956	†Household Electric Refrigerators (Mechanically Operated), Test Procedures for (NEMA HRF2-1955) ..... .75
B36.16-1956	Spiral-Welded Steel or Iron Pipe, Specifications for (ASTM A211-54) ..... .30	B38.3-1955	Methods of Rating and Testing Home Freezers (NEMA FH1-55; ASRE 13) ... .50
B36.17-1956	Seamless Alloy Steel Boiler, Superheater, and Heat Exchanger Tubes, Specifications for (ASTM A213-55T; ASME SA-213) ... .30	B40.1-1939 R1953	Indicating Pressure and Vacuum Gages ... 1.50
B36.18-1956	Electric-Resistance-Welded Steel Boiler and Superheater Tubes for High-Pressure Service (ASTM A226-55T; ASME SA-226) ..... .30	B46.1-1955	Surface Roughness, Waviness, and Lay ... 1.50
B36.19-1957	Stainless Steel Pipe 1.00	B47.1-1956	Gage Blanks (CS8-51 with 1955 Supplement) .45
B36.20-1958	Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Ordinary Uses, Specifications for (ASTM A120-54) ..... .30		
★B36.23-1959	Welded and Seamless Open-Hearth Iron Pipe, Specifications for (ASTM A253-58) ..... .30		
B36.26-1956	Seamless and Welded Austenitic Stainless Steel Pipe, Specifications for (ASTM A312-55) ..... .30		

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price
B48.1-1933 R1947	†Inch-Millimeter Conversion for Industrial Use ..... .50
B49.1-1947	Shaft Couplings, Integrally Forged Flange Type for Hydro-Electric Units 1.00
B53.1-1958	Refrigeration Terms and Definitions (ASRE 12-58) 1.25
★B54.1-1960	†Ball and Roller Bearings, Identification Code for 4.00
★B56.1-1959	Powered Industrial Trucks, Safety Code for 1.50
B57.1-1957	Compressed Gas Cylinder Valve Outlet and Inlet Connections (CGA V-1) 1.50
B58.1-1955	Deep Well Vertical Turbine Pumps, Specifications for ..... .50
B59.1-1958	Mechanical Refrigeration Installations on Shipboard, Practice for (ASRE 26-56) ... 1.00
B60.1-1950	Refrigerant Expansion Valves, Method of Rating and Testing (ASRE 17-R) 1.00
B64	See MH3 on page 31.
B65.1-1954	†Controls and Signaling Devices for Graphic Art Presses, Safety Code for ..... .50
B67.1-1958	Diamond Dressing Tools 1.00
B70.1-1954	Refrigeration Flare-Type Fittings (SAE SP-95) 2.00
B74.1-1957	†Diamond Wheel Shapes, Identification Code for ..... .75
B75.1	(Revised and redesignated as MH4.1-1958)
★B80.1-1959	†Throw-Away Carbide Inserts for Cutting Tools, Specifications for 4.50

C — Electrical Engineering

(Special price of series, including acoustical and applicable abbreviation and symbol standards, \$220.00)

★C1-1959	National Electrical Code: Paper Bound Edition, 4¾ x 7¼ in., NFPA 70 1.00 Pocket Edition, 4¼ x 6½ in., NBFU 70... .25
●C2 — National Electrical Safety Code (NBS Handbook H30):	
C2.1-1941 R1947	Installation and Maintenance of Electrical Supply Stations, Safety Rules for the (NBS Handbook H31) ..... .25
C2.2-1941 R1947	Installation and Maintenance of Electric Supply and Communication Lines, Safety Rules for the (NBS Handbook H32) ..... .25
C2.3-1941 R1947	Installation and Maintenance of Electric Utilization Equipment, Safety Rules for the (NBS Handbook H33) ..... .25
C2.4-1939 R1947	Operation of Electric Equipment and Lines, Safety Rules for the (NBS Handbook H34) ..... .25
C2.5-1940 R1947	Radio Installations, Safety Rules for (NBS Handbook H35) ..... .25
●C5 — Protection against Lightning, Code for (NFPA 78):	
★C5.1-1959	Part I, Protection of Persons ..... .50
★C5.2-1959	Part II, Protection of Buildings and Miscellaneous Property ..... .50
★C5.3-1959	Part III, Protection of Structures Containing Flammable Liquids and Gases ..... .50
C6.1-1956	Terminal Markings for Electrical Apparatus 1.00

●C7 — Bare Wire:

C7.1-1957	Soft or Annealed Copper Wire, Specifications for (ASTM B3-56) ..... .30
C7.2-1953 2nd ed. R1957	Hard-Drawn Copper Wire, Specifications for (ASTM B1-53T) ..... .30
C7.3-1953	Medium-Hard-Drawn Copper Wire, Specifications for (ASTM B2-52) ..... .30
C7.4-1957	Tinned Soft or Annealed Copper Wire for Electrical Purposes, Specifications for (ASTM B33-56T) ..... .30
C7.5-1956	Bronze Trolley Wire, Specifications for (ASTM B9-55) ..... .30
C7.6-1956	Copper Trolley Wire, Specifications for (ASTM B47-55) ..... .30
C7.7-1953	Hot-Rolled Copper Rods for Electrical Purposes, Specifications for (ASTM B49-52) ..... .30
C7.8-1957	Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft, Specifications for (ASTM B8-56) ..... .30
★C7.9-1959	Soft Rectangular and Square Bare Copper Wire for Electrical Conductors, Specifications for (ASTM B48-58) ..... .30
C7.10-1956	Hard-Drawn Copper Alloy Wires for Electrical Conductors, Specifications for (ASTM B105-55) ..... .30
C7.11-1956	Figure-9 Deep-Section Grooved and Figure-8 Copper Trolley Wire for Industrial Haulage, Specifications for (ASTM B116-55) ..... .30
★C7.12-1959	Rope-Lay Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors, Specifications for (ASTM B172-58) ..... .30
★C7.13-1959	Rope-Lay Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors, Specifications for (ASTM B173-58) ..... .30
★C7.14-1959	Bunch-Stranded Copper Conductors for Electrical Conductors, Specifications for (ASTM B174-58) ..... .30
C7.15-1957	Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes, Specifications for (ASTM B189-56T) .... .30
C7.16-1957	Cored, Annular, Concentric-Lay-Stranded Copper Conductors, Specifications for (ASTM B226-56) ..... .30
C7.17-1958	Hard-Drawn Copper Covered Steel Wire, Specifications for (ASTM B227-57) .... .30
C7.18-1957	Concentric-Lay-Stranded Copper Covered Steel Conductors, Specifications for (ASTM B228-56) ..... .30
C7.19-1957	Concentric-Lay-Stranded Copper and Copper Covered Steel Composite Conductors, Specifications for (ASTM B229-56) .... .30
C7.20-1956	Hard-Drawn Aluminum Wire for Electrical Purposes, Specifications for (ASTM B230-55T) ..... .30
★C7.21-1959	Concentric-Lay-Stranded Aluminum Conductors, Hard-Drawn, Three-Quarter Hard-Drawn and One-Half Hard-Drawn, Specifications for (ASTM B231-58) .... .30
★C7.22-1959	Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR), Specifications for (ASTM B232-58T) ..... .30

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price		Price
●C7 — Bare Wire (Continued)		●C8 — Insulated Wire (Continued)	
C7.23-1956	Rolled Aluminum Rods (EC Grade) for Electrical Purposes, Specifications for (ASTM B233-55) ..... .30	C8.13-1948	Varnished Cambric Insulated Cables, Specification for (IPCEA S-2-1946)... <i>Out of print</i>
★C7.24-1959	Resistivity of Electrical Conductor Materials, Method of Test for (ASTM B193-58) ..... .30	C8.15-1958	Metallic and Associated Coverings for Insulated Cables, Requirements for (IPCEA S-54-401; NEMA WC 2-1958) 1.00
★C7.25-1959	Copper Bus Bar, Rod, and Shapes, Specification for (ASTM B187-58) ..... .30	C8.16-1953	†Rubber-Insulated Tree Wire, Specifications for ..... .50
★C7.26-1959	Seamless Copper Bus Pipe and Tube, Specification for (ASTM B188-58) ..... .30	C8.17-1954	AO 30% Hevea Rubber Compound for Insulated Wire and Cable (ASTM D 27-52T) ..... .50
C7.27-1956	Aluminum Bars for Electrical Purposes (Bus Bars), Specifications for (ASTM B236-55T) ..... .30	C8.18-1948	†Weather-Resistant (Weatherproof) Wire and Cable (URC Type), Specifications for ..... .60
★C7.28-1959	Standard Weight Zinc-Coated (Galvanized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR), Specifications for (ASTM B245-58) ..... .30	C8.19-1939 R1953	†Weather-Resistant Saturants and Finishes for Aerial Rubber Insulated Wire and Cable, Specifications for ..... .40
C7.29-1957	Determination of Cross-Sectional Area of Stranded Conductors, Method for (ASTM B263-56T) ..... .30	C8.22-1954	Rubber Insulated Wire and Cable, Methods of Testing (ASTM D470-52T) ..... .50
C7.30-1956	Zinc-Coated (Galvanized) High Tensile Steel Telephone and Telegraph Line Wire, Specifications for (ASTM A326-52) ..... .30	C8.23-1954	Performance Synthetic Rubber Compound for Insulated Wire and Cable, Specifications for (ASTM D755-52T) ..... .30
C7.31-1956	Zinc-Coated (Galvanized) "Iron" Telephone and Telegraph Line Wire, Specifications for (ASTM A111-52) (Revision of G8.3-1944) ..... .30	C8.24-1954	Heat-Resisting Synthetic Rubber Compound for Insulated Wire and Cable, Specifications for (ASTM D754-52T) ... .30
C7.32-1956	Zinc-Coated Steel Wire Strand "Galvanized" and Class A ("Extra Galvanized") Specifications for (ASTM A122-54T) (Revision of G8.6-1943) ..... .30	C8.25-1954	Rubber Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D532-49) ..... .30
C7.33-1956	Zinc-Coated Steel Wire Strand (Class B and Class C Coatings) Specifications for (ASTM A218-54T) (Revision of G8.11-1944) ..... .30	C8.26-1954	Performance Rubber Compound for Insulated Wire and Cable, Specifications for (ASTM D353-52T) ..... .30
★C7.34-1959	Zinc-Coated (Galvanized) Steel Core Wire (With Coatings Heavier Than Standard Weight) for Aluminum Conductors, Steel Reinforced (ACSR), Specifications for ASTM B261-58) ..... .30	C8.27-1954	Heat-Resisting Rubber Compound for Insulated Wire and Cable, Specifications for (ASTM D469-52T) ..... .30
C7.35-1957	Three-Quarter Hard Aluminum Wire for Electrical Purposes, Specifications for (ASTM B262-56) ..... .30	C8.28-1954	GR-S Synthetic Rubber Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D866-46T) ... .30
C7.36-1958	Standard Nominal Diameters and Cross-Sectional Areas of AWG Sizes of Solid Round Wires Used as Electrical Conductors, Specifications for (ASTM B258-57)... .30	C8.29-1954	Ozone-Resistant Type Insulation for Insulated Wire and Cable, Specifications for (ASTM D574-46T) ..... .30
C7.37-1957	Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes, Specifications for (ASTM B246-56T) ..... .30	C8.30-1954	Insulated Wire and Cable: Polyvinyl Insulating Compound, Specifications for (ASTM D734-50T) ..... .30
C7.38-1957	Silver-Coated Soft or Annealed Copper Wire, Specifications for (ASTM B298-56T) ..... .30	C8.31-1954	Sheath Compound for Electrical Insulated Cords and Cables Where Extreme Abrasion Resistance Is Not Required, Specifications for (ASTM D753-49) ..... .30
C7.39-1958	Soft or Annealed Coated Copper Conductors for Use in Hookup Wire for Electronic Equipment, Specifications for (ASTM B286-57T) ..... .30	C8.32-1954	GR-M Polychloroprene Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D752-49T) ..... .30
C7.40-1958	Aluminum Wire for Communication Cable, Specifications for (ASTM B314-57T) ... .30	C8.33-1954	Thermoplastic Vinyl Polymer Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D1047-49T) ..... .30
●C8 — Insulated Wire:		C8.34-1954	†Weather-Resistant Wire and Cable, Neoprene Type, Specifications for ..... .50
C8.1-1944 R1953	Definitions and General Standards for Wire and Cables (AIEE 30-1944) ..... .60	C8.35-1957	†Weather-Resistant Wire and Cable, Polyethylene Type, Specifications for ..... .75
C8.9-1942 R1953	†Slow-Burning Wire and Cable, Specifications for ..... .35	C8.36-1955	Asbestos, Asbestos-Varnished Cloth and Asbestos-Thermoplastic Insulated Wires and Cables Requirements for (NEMA WCI 1955; IPCEA S-28-357) <i>Out of print</i>
C8.12-1956	†Cotton Braid for Insulated Wire and Cable for General Purposes, Specifications for ..... .75	●C9 — Magnet Wire:	
		C9.1-1953	†Enamel-Coated Round Copper Magnet Wire (NEMA MW1-1953) ..... .50

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price		Price
● C9 — Magnet Wire (Continued)		● C16 — Radio (Continued)	
C9.2-1953	†Cotton-Covered Round Copper Magnet Wire (NEMA MW11-1953)	C16.25a-1957	†Conducted Interference Output of Broadcast and Television Receivers in the Range of 300 kc to 25 mc, Methods of Measurement of the (Supplement to C16-25-1955) (56 IRE 27.S1)
C9.3-1953	†Silk-Covered Round Copper Magnet Wire (NEMA MW21-1953) . . . . .		.50
C9.4-1953	†Nylon-Fibre-Covered Round Copper Magnet Wire (NEMA MW22-1953)	★C16.25b-1959	†Supplement to C16.25-1955
C9.5-1955	†Single and Heavy Vinyl Acetal-Coated Round Copper Magnet Wire (NEMA MW15-1955) . . . . .		.50
C9.6-1955	†Heavy Vinyl Acetal-Coated Rectangular and Square Copper Magnet Wire (NEMA MW18-1955)	C16.26-1955	†Terms on Radio Aids to Navigation, Definitions of (54 IRE 12.S1)
C9.7-1955	†Double-Paper Single Cotton-Covered Rectangular and Square Copper Magnet Wire (NEMA MW32-1955)		1.00
C9.8-1958	†Single and Heavy Nylon-Coated Round Copper Magnet Wire (NEMA MW 6-1957)	C16.28-1956	†Pulse Quantities, Methods of Measurement of (55 IRE 15. S1)
C9.9-1958	†Single-Paper-Covered Round Copper Magnet Wire (NEMA MW 31-1956) . . . . .		.60
C9.10-1958	†Paper-Covered Rectangular and Square Copper Magnet Wire (One Paper ¾ Lap or Four Intercalated Papers) NEMA MW 33-1957)	C16.29-1957	†Gain, Amplification, Loss, Attenuation, and Amplitude-Frequency-Response, Methods of Measurement of (56 IRE 3.S1)
C9.11-1958	†Glass-Fiber-Covered Rectangular and Square Copper Magnet Wire (NEMA MW 42-1957) . . . . .		.80
	●	C16.30-1957	†Definitions of Terms on Facsimile (56 IRE 9.S1)
C12-1941	Electricity Meters, Code for, including Supplement C12a-1947 . . . . .		.60
R1957	(C12a-1947 sold separately25¢)	★C16.31-1959	†Television Luminance Signal Levels, Method of Measurement of (58 IRE 23.S1)
	2.00		.60
● C16 — Radio:		●	
C16.5-1954	†Volume Measurements of Electrical Speech and Program Waves	★C18.1-1959	Dry Cells and Batteries, Specifications for (NBS Handbook 71)
C16.11-1949	†Antennas, Methods of Testing (48 IRE 2.S2) . . . . .		.25
C16.12-1949	†Frequency-Modulation Broadcast Receivers, Methods of Testing (47 IRE 17.S1), with Supplement, C16.12a-1951, Effects of Mistuning and Downward Modulation, Methods of Testing for (49 IRE 17.S1)	★C19.1-1959	Industrial Control Apparatus (AIEE 15)
C16.13-1949	†Television Receivers (Monochrome Service, 6-Megacycle Channel), Methods of Testing (48 IRE 22.S1)		2.20
C16.16-1949	(Revised and redesignated as C83.20-1958)	C29.1-1944	†Insulator Tests (AIEE 41-1944)
C16.18-1951	†Vehicular Communications Receivers, Methods of Testing (49 IRE 16.S1)		<i>Out of print</i>
C16.19-1951	†Amplitude-Modulation Broadcast Receivers, Methods of Testing (48 IRE 17.S1) (Embodies IEC 69)	C29.2-1955	†Wet-Process Porcelain Insulators (Suspension Type) (EEI TDJ-52, NEMA 140-1952)
C16.20-1951	†Television Signal Levels, Resolution, and Timing of Video Switching Systems, Methods of Measurement of (50 IRE 23.S1)		1.00
C16.21-1954	†Definitions of Terms on Antennas and Wave Guides (54 IRE 2.S1)	C29.3-1955	†Wet-Process Porcelain Insulators (Spool Type) (EEI TDJ-53; NEMA 141-1952)
C16.23-1954	†Measurement of Aspect Ratio and Geometric Distortion of Television Cameras and Picture Monitors, Methods of (54 IRE 23.S1) . . . . .		.50
C16.25-1955	†Interference Output of Television Receivers in the Range of 300 to 10,000 kc, Methods of Measurement (54 IRE 17.S1) with supplements: C16.25a-1957 (56 IRE 27.S1) and C16.25b-1959 (58 IRE 27.S1)	C29.4-1955	†Wet-Process Porcelain Insulators (Strain Type) (EEI TDJ-54, NEMA 142-1952)
	1.60		.50
		C29.5-1955	†Wet-Process Porcelain Insulators (Low- and Medium-Voltage Pin Type) (EEI TDJ-55, NEMA 143-1952)
			.50
		C29.6-1955	†Wet-Process Porcelain Insulators (High-Voltage Pin Type) (EEI TDJ-56, NEMA 144-1952)
			.50
		C29.7-1955	†Wet-Process Porcelain Insulators (High-Voltage Line-Post Type) (EEI TDJ-57, NEMA 145-1952)
			.50
		C29.8-1957	†Wet-Process Porcelain Insulators (Apparatus-Cap and Pin Type) (EEI TDJ-58; NEMA 146-1956)
			<i>Out of print</i>
		C29.9-1957	†Wet-Process Porcelain Insulators (Apparatus-Post Type) (EEI TDJ-59; NEMA 147-1956)
			<i>Out of print</i>
		C33.1-1957	Flexible Cord and Fixture Wire, Safety Standard for (UL 62)
			.75
		C33.2-1956	Transformer-Type Arc-Welding Machines, Safety Standard for (UL 551)
			.75
		C33.3-1957	Cord Sets and Power-Supply Cords, Safety Standard for (UL 817)
			.50
		C33.4-1958	Specialty Transformers, Safety Standard for (UL 506)
			.75
		C33.5-1956	Wire Connectors and Soldering Lugs, Safety Standard for (UL 486)
			.75
		C33.6-1957	Rubber-Covered Wires and Cables, Safety Standard for (UL 44)
			.75
		C33.7-1957	Electrically Heated Pads and Bedding, Safety Standard for (UL 130)
			.75
		C33.8-1957	Grounding and Bonding Equipment, Safety Standard for (UL 62)
			.50
		C33.9-1959	Armored Cable, Safety Standard for (UL 4)
			.75
		C34.1-1958	Pool Cathode Mercury-Arc Power Converters, Practices and Requirements for 2.40

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price		Price
C35.1-1957		● C39 — Electrical Measuring Instruments (Continued)	
Rotating Electrical Machinery Forming a Part of the Power Equipment on Electrically Propelled Railway Cars, Railway Locomotives, and Coaches (Trolley and Prime Mover) (AIEE 11-1957) . . . . .	.80	C39.4-1956	†Automatic Null-Balancing Electrical Measuring Instruments, Specifications for 1.25
● C37 — Power Switchgear:		●	
(20% discount will be allowed on the purchase of complete C37 series.)		C40-1928	Storage Batteries (AIEE 36-1928) . . . Out of print
C37.1-1950	†Relays Associated with Electric Power Apparatus	● C42 — Definitions of Electrical Terms:	
C37.2-1956	†Automatic Station Control, Supervisory, and Associated Telemetering Equipments	C42.10-1957	Rotating Machinery (Group 10) 2.00
C37.4-1953	†Alternating-Current Power Circuit Breakers. Including Supplement C37.4a-1958	C42.15-1958	Transformers, Regulators, Reactors, and Rectifiers (Group 15) 2.00
C37.4a-1958	†Power Circuit Breaker Bushings and Dimensions of Power Circuit Breaker Bushings, Their Mountings and Bushing Current Transformers, Electrical Characteristics of (Supplement to C37.4-1953)	C42.20-1956	Switchgear (Group 20) 2.20
C37.5-1953	†Rms Value of a Sinusoidal Current Wave and a Normal-Frequency Recovery Voltage and for Simplified Calculation of Fault Currents Methods for Determining the	C42.25-1956	Control Equipment (Group 25) 1.40
★C37.6-1959	†Preferred Ratings for Power Circuit Breakers, Schedules of	C42.30-1957	Instruments, Meters and Meter Testing (Group 30) 2.20
C37.7-1952	†Interrupting Rating Factors for Reclosing Service Power Circuit Breakers	C42.35-1957	Transmission and Distribution (Group 35) 2.20
C37.8-1952	†Rated Control Voltages and Their Ranges, for Power Circuit Breakers	C42.40-1956	Transportation (Group 40)
C37.9-1953	†Test Code for Power Circuit Breakers	C42.41-1956	Transportation—Air (Group 41) 2.40
C37.11-1957	†Power Circuit Breaker Control, Requirements for	C42.42-1956	Transportation—Land (Group 42)
C37.12-1952	†Guide Specifications for Alternating-Current Power Circuit Breakers	C42.43-1956	Transportation—Marine (Group 43)
C37.13-1954	†Low Voltage Air Circuit Breakers (Including Application Guide)	★C42.45-1959	Electromechanical Devices (Group 45) 1.00
C37.14-1954	†Low Voltage Air Circuit Breakers, Test Code for	C42.50-1958	Electric Welding and Cutting (Group 50)80
C37.15-1954	†Rated Control Voltages and Their Ranges for Low Voltage Air Circuit Breakers	C42.55-1956	Illuminating Engineering (Group 55) 1.00
C37.16-1956	†Schedule of Preferred Ratings for Alternating and Direct Current Low Voltage Air Circuit Breakers	C42.60-1956	Electrochemistry and Electrometallurgy (Group 60) 1.80
C37.17-1956	†Preferred Pick-Up Calibrations and Trip Delay Settings for Alternating Current Low Voltage Air Circuit Breakers	C42.65-1957	Communications (Group 65) 6.00
C37.20-1955	Switchgear Assemblies and Metal-Enclosed Bus (AIEE 27)	C42.70-1956	Electron Devices (Group 70) 1.80
C37.22-1959	†Automatic Circuit Reclosers and Automatic Line Sectionalizers for Alternating-Current Systems, Requirements for	C42.80-1957	Electrobiology and including Electrotherapeutics (Group 80) 1.00
● C39 — Electrical Measuring Instruments:		C42.85-1956	Mining (Group 85)80
★C39.1-1959	†Electrical Indicating Instruments, (Panel, Switchboard, and Portable Instruments) Requirements for (NEMA EI 1-1959)	C42.95-1957	Miscellaneous (Group 95) 1.20
C39.2-1953	†Direct-Acting Electrical Recording Instruments (Switchboard and Portable Types)	●	
C39.3-1948	†Shock-Testing Mechanism for Electrical Indicating Instruments, Specifications for	C48.1-1955	Electric Control Apparatus for Land Transportation Vehicles (AIEE 16)80
		● C50 — Rotating Electrical Machinery:	
		(20% discount will be allowed on the purchase of complete C50 series) (Special Binder \$3.50)	
		C50.1-1955	†Synchronous Generators, Synchronous Motors, and Synchronous Machines in General 1.80
		C50.2-1955	†Alternating-Current Induction Motors, Induction Machines in General, and Universal Motors 1.30
		C50.4-1955	†Direct-Current Generators, Direct-Current Motors, and Direct-Current Commutating Machines in General 1.50
		C50.5-1955	†Rotating Exciters for Synchronous Machines80
		C50.6-1955	†Motor-Generator Sets50
		C50.8-1955	†Dimensions for Motors and Generators 1.00
		C50.20-1954	†Polyphase Induction Motors and Generators, Test Code for80
		●	
		C52.3-1945	†Straight and Offset Resistance-Welding Electrodes and Electrode Holders (American War Standard) Out of print
		C52.4-1945	†Controls for Resistance-Welding Machines (American War Standard) Out of print
		C52.5-1945	†Specifications for Resistance-Welding Machines (American War Standard) Out of print
		C55.1-1951	Capacitors, Standards for (AIEE 18-1951)60

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

Price

● C57 — Transformers, Regulators, and Reactors:

(20% discount will be allowed on the purchase of complete C57 series) (Special Binder \$3.50)

C57.10-1953	†Transformers, Regulators, and Reactors, Terminology for <i>Out of print</i>	
C57.11-1953	†Transformers, Regulators, and Reactors, General Requirements for <i>Out of print</i>	
Requirements, Terminology, and Test Code for Distribution, Power, and Regulating Transformers and Reactors Other Than Current-Limiting Reactors:		
C57.12.00-1958	†General (Section 00)	2.00
C57.12.10-1958	†Transformers, 67,000 Volts and Below, 501 Through 10,000 kva, 3 Phase; 501 Through 5,000 kva 1 Phase (Section 10)	1.50
★C57.12.20-1959	†Overhead-Type Distribution Transformers, 67,000 Volts and Below, 500 kva and Smaller (Section 20)	2.30
C57.12.30-1958	†Three-Phase Load-Tap-Changing Transformers, 67,000 Volts and Below, 1,000 kva Through 10,000 kva (Section 30) ...	1.50
C57.12.80-1958	†Terminology (Section 80)	1.00
C57.12.90-1958	†Test Code (Section 90)	2.20
(The above C57.12 standards constitute the revision of C57.12-1956, including supplements C57.12c-1957, C57.12d-1957 and C57.12 Section 30.)		
C57.12 (Section 40)	Secondary Network Transformers, Subway and Vault Types (Liquid Immersed) (EEL 57-7; NEMA TR4-1957) (Proposed American Standard) .....	.80
C57.13-1954	†Instrument Transformers, Requirements, Terminology, and Test Code for Revision of: C57.13-1948 Editorial Consolidation with C57.23-1948 and pertinent portions of C57.10-1953 C57.11-1953	2.50
C57.14-1948	†Constant-Current Transformers of the Moving-Coil Type <i>Out of print</i>	
C57.15-1949	†Step-Voltage and Induction-Voltage Regulators, Requirements, Terminology, and Test Code for Editorial Consolidation with C57.25-1949 and pertinent portions of C57.10-1953 C57.11-1953	2.00
C57.16-1958	†Current-Limiting Reactors, Requirements, Terminology, and Test Code for	2.00
C57.18-1948	†Rectifier Transformer Equipment,	<i>Out of print</i>
C57.19	Distribution Transformers, Conventional Subway Type (EEL 51-3; NEMA 113-1951) (Proposed; distributed for trial and study)	<i>Out of print</i>
C57.2B-1948	†Rectifier Transformer Equipment, Test Code for	<i>Out of print</i>
*C57.31	†Operation of Transformers, Regulators, and Reactors at Altitudes Greater than 3300 Feet (1000 Meters), Guide for <i>Out of print</i>	

Price

● C57 — Transformers, Regulators, and Reactors
(Continued)

*C57.33	†Loading and Operation of Instrument Transformers, Guide for <i>Out of print</i>	
*C57.34	†Loading Pole-Type Constant-Current Transformers, Guide for <i>Out of print</i>	
*C57.36	†Loading Current-Limiting Reactors, Guide for <i>Out of print</i>	
C57.92 (1959 ed)	†Guide for Loading Oil-Immersed Distribution and Power Transformers (Not an American Standard) Appendix to C57.12 standards	2.00
C57.93	†Guide for the Installation and Maintenance of Oil-Immersed Transformers (NEMA TR5-1956) .....	.75
C57.94	†Guide for Operation and Maintenance of Dry-Type Transformers (AIEE 53) ....	.50
C57.95	†Guide for Loading Oil-Immersed Step-Voltage and Induction-Voltage Regulators (Not an American Standard) Appendix to C57.15-1949	1.00
★C57.96	†Guide for Loading Dry-Type Distribution and Power Transformers (Not an American Standard) Appendix to C57.12 standards	1.40

● C59 — Electrical Insulation Materials:

C59.1-1955	Testing Molded Materials Used for Electrical Insulation, Methods of (ASTM D48-54T) .....	.30
★C59.2-1960	Testing Electrical Insulating Oils, Method of (ASTM D117-58) .....	.30
★C59.3-1959	Electrical Resistance of Insulating Materials, Methods of Test for (ASTM D257-58T) .....	.50
C59.4-1935 R1945	Rubber Matting for Use Around Electrical Apparatus (Voltage Rating of Matting, 3000 Volts), Specifications for (ASTM D178-24) .....	.30
C59.6-1958	Rubber Insulating Tape, Specifications for (ASTM D119-57T) .....	.30
C59.10-1941 R1954	Testing Molding Powders Used in Manufacturing Molded Electrical Insulators, Methods of (ASTM D392-38) .....	.30
C59.11-1955	Impact Resistance of Plastics and Electrical Insulating Materials, Methods of Test for (ASTM D256-56) .....	.30
★C59.13-1960	Testing Sheet and Plate Materials Used in Electrical Insulation, Methods of (ASTM D229-58) .....	.30
C59.14-1958	Testing Laminated Tubes Used for Electrical Insulation, Methods of (ASTM D348-56) .....	.30
C59.15-1958	Testing Laminated Round Rods Used for Electrical Insulation, Methods of (ASTM D349-56) .....	.30
C59.16-1956	Laminated Thermosetting Materials, Specifications for (ASTM D709-55T; NEMA LP1-1955) .....	.50

* Withdrawn; in accordance with ASA C57 Committee action, officially approved by ASA on August 20, 1953, the words "American Standard" were removed from the titles of the guides. They now have the status of an appendix to the C57 standards as a source of engineering information.

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price		Price
● C59 — Electrical Insulation Materials (Continued)		● C60 — Electron Tubes:	
C59.17-1949	Fabricating Laminated Plastics, Practice for (NEMA 45-107) ..... .25	C60.1-1956	†Electron Tube Bases, Caps, and Terminals (NEMA 500-D; RETMA ET-103-D) 1.10
C59.18-1954	Testing Shellac Used for Electrical Insulation, Methods of (ASTM D411-52) ..... .30	C60.2-1956	†Dimensional Characteristics of Electron Tubes (NEMA 502-C; RETMA ET-105-C) .50
C59.19-1952	Dielectric Strength of Insulating Oils of Petroleum Origin, Method of Test for (ASTM D877-49) ..... .30	C60.4-1950	†Designation System for Metal Electron Tube Shells (RETMA ET-112; NEMA 508) ..... .35
C59.20-1952	Vulcanized Fiber (NEMA Vul-1952). <i>Out of print</i>	C60.5-1952	†Electron Tubes, Methods of Testing (50 IRE 7.52) 1.25
C59.21-1958	Sampling Electrical Insulating Oils, Method for (ASTM D923-56) ..... .30	★C60.6-1959	†Direct Interelectrode Capacitance, Measurement of (EIA RS-191-A) 1.50
★C59.22-1960	Power Factor and Dielectric Constant of Electrical Insulating Oils of Petroleum Origin, Method of Test for (ASTM D924-58) ..... .30	C60.7-1956	†Gages for Electron Tubes Bases (NEMA 503-C; RETMA ET-106-C) ..... .65
C59.23-1951	Gas Content of Insulating Oils, Methods of Test for (ASTM D831-48) ..... .30	C60.8-1952	†Interelement Capacitances, Rating Values of (RETMA ET-114; NEMA 510) ..... .35
C59.24-1951	Inorganic Chlorides and Sulfates in Insulating Oils, Method of Test for (ASTM D878-49) ..... .30	C60.11-1954	†Gas Filled Radiation Counter Tubes, Methods of Testing (52 IRE 7.52) ..... .75
C59.25-1951	Detection of Free Sulphur in Electrical Insulating Oils, Method of Test for (ASTM D989-51) ..... .30	C60.13-1954	†Noise in Electron Devices, Methods of Measuring (53 IRE 7.51) ..... .75
C59.26-1958	Natural Block Mica and Mica Films Suitable for Use in Fixed Mica-Dielectric Capacitors, Specification for (ASTM D748-54T) (Partial basis for ISO R67) .. .30	●	
C59.27-1957	Natural Muscovite Mica Based on Visual Quality, Specifications for (ASTM D351-57T) (Partial basis for ISO R67) ..... .60	C62.1-1957	Lightning Arresters for Alternating-Current Power Circuits (AIEE 28) <i>Out of print</i>
★C59.28-1960	Conditioning Plastics and Electrical Insulating Materials for Testing, Methods of (ASTM D618-58) ..... .30	C63.1-1946	†Radio Interference of Electrical Components and Completed Assemblies of Electrical Equipment for the Armed Forces from 150 Kilocycles to 20 Megacycles, Method of Measuring (American War Standard) (JAN-I-225) <i>Out of print</i>
C59.29-1956	Vulcanized Fiber Sheets, Rods, and Tubes Used for Electrical Insulation, Specifications for (ASTM D710-54T; NEMA Vul-1954) ..... .30	C63.2	Radio Noise Meter, 0.015 to 25 Megacycles/Second, Specifications for (RETMA 32-A; NEMA 102-1950) (Proposed American Standard; published for trial and criticism) <i>Out of print</i>
C59.30-1958	Testing Varnishes Used for Electrical Insulation, Methods of (ASTM D115-55) .. .30	C63.3	Radio Noise and Field Intensity Meters, 20 to 1000 Megacycles/Second, Specifications for (NEMA 131-1952; RETMA 41) (Proposed American Standard; published for trial and criticism) <i>Out of print</i>
C59.31-1958	Testing Varnished Cotton Fabrics and Varnished Cotton Fabric Tapes Used for Electrical Insulation, Methods of (ASTM D295-58) ..... .30	C64.1-1956	Brushes for Electrical Machines (Carbon, Carbon-Graphite, Electrographitic, Graphite, and Metal-Graphite Brushes), Requirements for (NEMA CB1-1956) 2.00
C59.32-1958	Test for Product Uniformity of Phenolic Laminated Sheets, Methods of (ASTM D634-44) ..... .30	C67.1-1951	†Preferred Nominal Voltages, 100 Volts and Under ..... .35
C59.33-1958	Measuring Dimensions of Rigid Tubes Used for Electrical Insulation, Methods of (ASTM D668-52) ..... .30	C68.1-1953	Measurement of Test Voltage in Dielectric Tests (AIEE 4-1953) 1.60
C59.34-1958	Measuring Dimensions of Rigid Rods Used in Electrical Insulation, Methods of (ASTM D741-52) ..... .30	C70.1-1953	Household Automatic Electric Flatirons (NEMA DA1-1954) 1.00
C59.35-1958	Testing Varnished Glass Fabrics and Varnished Glass Fabric Tapes Used for Electrical Insulation, Methods of (ASTM D902-56) ..... .30	C71.1-1950	Household Electric Ranges (NEMA ER1-1950) ..... .90
C59.36-1958	Testing Silicone Insulating Varnishes, Methods of (ASTM D1346-57) ..... .30	C72.1-1949	Household Automatic Electric Storage-Type Water Heaters (NEMA WH1-1949) ..... .90
C59.37-1958	Ozone Resistant Rubber Insulating Tape, Specifications for (ASTM D1373-57T) .. .30	C73.1-1957	Outlet Receptacles, Attachment Plug Caps, with supplement C73.1a-1959 and Appliance Plugs (NEMA WDI-1956) 1.85
C59.38-1958	Silicone Varnished Glass Cloth and Tape for Electrical Insulation, Specifications for (ASTM D1459-57T) ..... .30	★C73.1a-1959	†Supplement to C73.1-1957. Sold Separately .35
★C59.39-1959	Woven Cotton Tapes for Electrical Purposes, Specifications for (ASTM D335-51) .30	C76.1-1943	Apparatus Bushings and Test Code for Apparatus Bushings (AIEE 21-1942) and Supplement C76.1a-1958 1.10

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price
C76.1a-1958 †Outdoor Apparatus Bushings (Used with Power Circuit Breakers and Outdoor Transformers) (Supplement to and Partial Revision of C76.1-1943) . . . . .	.50
C77.1-1943 R1953 Wet Tests (AIEE 29-1941) . . . . .	.60

● C78 — Incandescent Lamps:

(20% discount will be allowed on the purchase of complete series) (Binder \$2.00)

C78.100-1956 †General Service for 115-, 120-, and 125-Volt Circuits . . . . .	.35
C78.101-1956 †General Service for 230- and 250-Volt Circuits . . . . .	.35
C78.102-1949 †Train, Locomotive, and Country Home Service 30-34 and 60-64 Volts. . . . .	.35
R1960	
C78.103-1949 †Street Railway Service . . . . .	.35
R1960	
C78.105-1957 †Spotlight and Floodlight Service 115, 120, and 125 Volts . . . . .	.35
C78.106-1953 †Infrared Lamps for 115-125 Volt Service. . . . .	.35
C78.107-1953 †Projector and Reflector Spotlight and Floodlight Lamps 115, 120, and 125 Volts . . . . .	.35
C78.109-1949 †Street Series Service . . . . .	.35
R1960	
C78.200-1949 †S-6, Bulb, Candelabra Screw Base and C-7 Bulb, Candelabra Screw Base. . . . .	.35
R1960	
C78.201-1949 †S-11 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.202-1949 †S-11 Bulb, Intermediate Screw Base. . . . .	.35
R1960	
C78.203-1949 †S-14 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.204-1949 †A-15 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.205-1949 †A-17 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.206-1949 †A-19 Bulb, Medium Screw Base (Over-all Length: Max $3\frac{1}{8}$ Inches, Min. $3\frac{3}{8}$ Inches) . . . . .	.35
R1960	
C78.207-1949 †T-6½ Bulb, Intermediate Screw Base. . . . .	.35
R1960	
C78.208-1949 †T-10 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.209-1949 †T-10 Reflector Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.210-1949 †A-19 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{4}$ Inches, Min $3\frac{7}{8}$ Inches) . . . . .	.35
R1960	
C78.211-1949 †A-19 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{8}$ Inches, Min $4\frac{1}{8}$ Inches) . . . . .	.35
R1960	
C78.212-1949 †T-8 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.213-1949 †PS-25 Bulb, Three-Contact Medium Screw Base . . . . .	.35
R1960	
C78.214-1949 †PS-25 Bulb, Three-Contact Mogul Screw Base . . . . .	.35
R1960	
C78.215-1949 †A-21 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{7}{8}$ Inches, Min $4\frac{1}{8}$ Inches) . . . . .	.35
R1960	
C78.216-1949 †A-21 Bulb, Medium Screw Base (Over-all Length: Max $5\frac{3}{8}$ Inches, Min $4\frac{1}{8}$ Inches) . . . . .	.35
R1960	

● C78 — Incandescent Lamps (Continued)

C78.217-1949 †A-21 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{8}$ Inches, Min $4\frac{1}{8}$ Inches) . . . . .	.35
R1960	
C78.218-1949 †A-23 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.219-1949 †G-30 Bulb, Three-Contact Mogul Screw Base . . . . .	.35
R1960	
C78.220-1949 †PS-25 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.221-1949 †PS-30 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.223-1949 †PS-35 Bulb, Mogul Screw Base. . . . .	.35
R1960	
C78.224-1949 †PS-40 Bulb, Mogul Screw Base. . . . .	.35
R1960	
C78.225-1949 †PS-52 Bulb, Mogul Screw Base. . . . .	.35
R1960	
C78.226-1949 †P-25 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.233-1949 †G-30 Bulb, Medium Screw Base. . . . .	.35
R1960	
C78.234-1949 †G-40 Bulb, Mogul Screw Base (Over-all Length: Max $7\frac{1}{8}$ Inches, Min $6\frac{1}{2}$ Inches) . . . . .	.35
R1960	
C78.235-1949 †G-40 Bulb, Mogul Screw Base (Over-all Length: Max 8 Inches, Min $7\frac{1}{8}$ Inches) . . . . .	.35
R1960	
C78.236-1949 †R-40 Bulb, Medium Skirted Screw Base. . . . .	.35
R1953	
C78.237-1949 †R-40 Bulb, Medium Screw Base. . . . .	.35
R1953	
C78.238-1949 †PAR-38 Bulb, Medium Skirted Screw Base . . . . .	.35
R1960	
C78.245-1949 †PS-25 Bulb, Mogul Screw Base. . . . .	.35
R1960	
C78.248-1949 †T-64 Bulb, Mogul Bipost Base. . . . .	.35
R1960	
C78.251-1953 †R-30 Bulb, Medium Screw Base. . . . .	.35
C78.252-1956 †A-25 Bulb, Medium Screw Base Incandescent Lamps . . . . .	.35
C78.253-1956 †A-23 Bulb, Medium Screw Base Incandescent Lamps (Over-All Length—Maximum $6\frac{1}{8}$ Inches, Minimum $5\frac{7}{8}$ Inches) . . . . .	.35
C78.370-1956 †Code for the Designation of Photo Lamps . . . . .	.50
★ C78.376 †Chromaticity of Fluorescent Lamps, Specifications for the (Proposed American Standard) . . . . .	.60
C78.390-1958 †Designation of Miniature Lamps, Method for the . . . . .	.35

● C78 — Electric Discharge Lamps (Fluorescent), Dimensional and Electrical Characteristics of:

(20% discount will be allowed on the purchase of complete series) (Binder \$2.00)

C78.375-1955 Guide for Electrical Measurements of Fluorescent Lamps . . . . .	.15
C78.380-1957 †Designation of Mercury Lamps, Method for the . . . . .	.35
★ C78.400-1959 †4-Watt T-5 Pre-heat Start. . . . .	.35
C78.401-1951 †6-Watt T-5 Pre-heat Start.35
R1959	
C78.402-1951 †8-Watt T-5 Pre-heat Start.35
R1959	

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● C78 — Electric Discharge Lamps (Continued)

	Price
C78.403-1958 †14-Watt T-12 Pre-heat Start35
C78.404-1958 †15-Watt T-8 Pre-heat Start35
C78.405-1958 †15-Watt T-12 Preheat-Start Fluorescent Lamp35
C78.406-1958 †20-Watt T-12 Pre-heat Start Fluorescent Lamp35
C78.407-1951 †30-Watt T-8 Pre-heat Start,35
R1959	
C78.408-1956 †40-Watt T-12 Pre-heat Start,35
C78.411-1956 †90-Watt T-17 Pre-heat Start,35
C78.413-1958 †32-Watt T-10 12-Inch Circular Pre-heat Start35
C78.415-1958 †40-Watt T-10 16-Inch Circular Rapid-Start Fluorescent Lamp35
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★K60.21-1959	Sampling and Chemical Analysis of Alkaline Detergents, Methods of (ASTM D501-58)30	★K65.5-1959	Haze and Luminous Transmittance of Transparent Plastics, Method of Test for (ASTM D1003-52)30
● K62 — Common Names for Pest Control Chemicals:					
K62.1-1956	†Acceptance of an American Standard Common Name for a Pest Control Chemical, Procedure for the, with Addenda K62.1a-195875	★K65.6-1959	Luminous Reflectance, Transmittance, and Color of Materials, Method of Test for (ASTM D791-54)30
	(K62.1a-1958 sold separately 25c)		★K65.7-1959	Index of Refraction of Transparent Organic Plastics, Methods of Test for (ASTM D542-50)30
K62.2-1957	†3-(<i>p</i> -chlorophenyl)-1, 1-dimethyl urea; monuron35	★K65.8-1959	Specific Gravity of Plastics, Methods of Test for (ASTM D792-50)30
K62.3-1957	†3-(3,4-dichlorophenyl)-1,1-dimethyl urea; diuron35	★K65.9-1959	Total Chlorine in Vinyl Chloride Polymers and Copolymers, Method of Test for (ASTM D1303-55)30
K62.6-1957	†2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate; erbon35	★K65.10-1959	Dilute Solution Viscosity of Vinyl Chloride Polymers, Methods of Test for (ASTM D1243-58T)30
K62.7-1958	†3-phenyl-1, 1-dimethylurea; fenuron35	★K65.11-1959	Ammonia in Phenol-Formaldehyde Molded Materials, Method of Test for (ASTM D834-57)30
K62.8-1957	†1- <i>n</i> -butyl-3-(3,4-dichlorophenyl)-1-methylurea; neburon35	★K65.12-1959	Acetone Extraction of Phenolic Molded or Laminated Products, Method of Test for (ASTM D494-46)30
K62.9-1957	†2,2-dichloropropionic acid; dalapon35	★K66.1-1959	Molds for Test Specimens of Plastic Molding Materials, Specifications for (ASTM D647-57)30
K62.10-1957	†2-(2,4,5-trichlorophenoxy propionic acid; Silvex35	★K66.2-1959	Apparent Density and Bulk Factor of Granular Thermoplastic Molding Powder, Method of Test for (ASTM D1182-54) ..	.30
K62.11-1957	† <i>p</i> -chlorophenyl <i>p</i> -chlorobenzenesulfonate; ovex35	★K66.3-1959	Measuring Shrinkage from Mold Dimensions of Molded Plastics, Method of (ASTM D955-51)30
K62.12-1958	†0, 0, 0, 0'-tetraethyl S, S-methylene biphosphorodithioate; ethion35	L — Textile Industry		
K62.13-1958	†2-diphenylacetyl-1, 3-indandione; diphacnone,35	L1.1-1956	†Textile Safety Code75
K62.14-1958	†0-2-chloro-4-nitrophenyl 0, 0-dimethyl phosphorothioate; dicapthon35	L3.1-1941	Cotton Rubber-Lined Fire Hose for Public and Private Fire Department Use, Specifications for (ASTM D296-38)30
K62.15-1958	†2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate; phosphamidon35	L4.1-1948	†Bleached Cotton Bed Sheets and Pillowcases, Specifications for35
K62.16-1958	†0, 0-dimethyl S-(<i>N</i> -methylcarbamoylmethyl) phosphorodithioate; dimethoate35	L10-1936	Shrinkage in Laundering of Woven Cotton Cloth, Method of Test for (AATCC 14-52; ASTM D437-36)30
K62.18-1958	†0, 0-dimethyl 0-(2, 4, 5-trichlorophenyl) phosphorothioate; ronnel35	R1945		
K62.19-1959	†3, 5-dinitro- <i>o</i> -toluamide; zoalene35	L11.1-1941	†Body Sizes for Boys' Garments35
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★K64.1-1959	Ethyl Cellulose Molding Compounds, Specifications for (ASTM D787-55)30	L13.1-1942	Tubular Sleeving and Braids, Methods of Testing and Tolerances for (ASTM D354-41)30
★K64.2-1959	Cellulose Acetate Plastic Sheets, Specifications for (ASTM D786-49)30	● L14 — Textile Test Methods:		
★K64.3-1959	Cellulose Nitrate (Pyroxylin) Plastic Sheets, Rods, and Tubes, Specifications for (ASTM D701-49)30	L14.1-1956	†Accelerated Ageing of Textiles Dyed with Sulfur Colors (AATCC 26-52)35
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★K65.2-1959	Stiffness Properties of Nonrigid Plastics as a Function of Temperature by Means of a Torsional Test, Method of Test for (ASTM D1043-51)30			

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	Price		Price
● L14 — Textile Test Methods (Continued)		● L14 — Textile Test Methods (Continued)	
L14.2-1956	†Colorfastness of Textiles to Acids and to Alkalies (AATCC 6-52)	L14.40-1956	Wool Content of Raw Wool, Laboratory Scale, Methods of Test for (ASTM D584-54T)
L14.3-1956	†Colorfastness of Wool to Carbonizing (AATCC 11-52)	L14.41-1953	Testing Asbestos Tubular Sleaving, Methods of (ASTM D628-52)
L14.4-1956	†Colorfastness of Silk to Degumming (AATCC 7-52)	L14.42-1949	Testing and Tolerances for Certain Fine Staple Cotton Gray Goods, Methods of (ASTM D679-44)
L14.5-1956	†Colorfastness of Textiles to Fulling (Wool) (AATCC 2-52)	L14.43-1949	Testing and Tolerances for Certain All-Cotton and Cotton and Rayon Fine Fancy Goods, Methods of (ASTM D680-44)
L14.6-1956	†Colorfastness of Wool Textiles to Mill Washing and Scouring (Wool) (AATCC 1-52)	L14.44-1953	Testing and Tolerances for Jute Rove and Plied Yarn for Electrical and Packing Purposes, Methods of (ASTM D681-52)
L14.7-1956	†Colorfastness of Silk to Peroxide Bleaching (AATCC 13-52)	L14.45-1953	Testing and Tolerances for Rope made from Bast and Leaf Fibers, Methods of (ASTM D738-52)
L14.9-1956	†Colorfastness to Stoving (Wool) (AATCC 9-52)	L14.46-1953	Testing and Tolerances for Spun, Twisted, or Braided Products Made from Flax, Hemp, Ramie, or Mixtures Thereof, Methods of (ASTM D739-52)
L14.11-1956	†Evaluation of Ordinary Wetting Agents (AATCC 17-52)	L14.47-1949	Compatibility of Glass Yarn with Insulating Varnish, Method of Test for (ASTM D886-46T)
L14.12-1957	Terms Relating to Textile Materials, Definitions of (ASTM D 123-55)	L14.48-1953	Designation of Linear Density of Fibers, Yarns, and Other Textile Materials in Universal Units, Practice for (ASTM D861-52)
★L14.13-1959	Testing and Tolerances for Cotton Yarns, Methods of (ASTM D180-57T)	L14.49-1953	Test for Small Amounts of Copper and Manganese in Textiles, Method of (ASTM D377-52T)
★L14.14-1959	Testing Sewing Threads, Methods of (ASTM D204-57T)	L14.50-1949	Cotton Goods for Rubber and Pyroxylin Coating, Specifications and Methods of Test for (ASTM D334-40)
L14.16-1949	Testing and Tolerances for Woven Tapes, Methods of (ASTM D259-44)	L14.51-1949	Air Permeability of Textile Fabrics, Methods of Test for (ASTM D737-46)
L14.17-1949	Testing and Tolerances for Certain Light and Medium Weight Cotton Fabrics, Methods of (ASTM D274-36)	★L14.52-1959	Testing Felt, Methods of (ASTM D461-57)
L14.18-1953	Asbestos Yarns, Specifications and Methods of Test for (ASTM D299-52T)	L14.53-1951	†Colorfastness to Light (AATCC 16-45)
L14.19-1949	Determining Relative Humidity, Method of (ASTM D337-34)	L14.54-1951	†Colorfastness of Acetate Rayons to Atmospheric Fumes (AATCC 23-46)
L14.20-1949	Holland Cloth, Methods of Test for (ASTM D376-35)	L14.55-1951	†Resistance of Textiles to Mildew and Rot, and Evaluation of Textile Fungicides (AATCC 30-46)
L14.25-1949	Testing Pile Floor Covering, Methods of (ASTM D418-42)	L14.56-1956	†Colorfastness to Perspiration (AATCC 15-52)
L14.26-1957	Fineness of Wool, Methods of Test for (ASTM D419-55T)	L14.57-1956	†Colorfastness to Chlorine Bleaching (Cotton) (AATCC 3-52)
L14.27-1949	Testing and Tolerances for Certain Carded Cotton Gray Goods, Methods of (ASTM D433-39)	L14.58-1956	†Colorfastness to Peroxide Bleaching (Cotton) (AATCC 29-52)
L14.28-1954	Testing and Tolerances for Certain Wool and Part Wool Fabrics, Methods for (ASTM D462-53)	L14.59-1956	Resistance to Water Penetration (Hydrostatic Pressure Test) (Contained in ASTM D583-54; AATCC 18-52) (Including L14.60, L14.61, L14.74, L14.78 and L14.87)
L14.29-1957	Fineness of Wool Tops, Specifications and Methods of Test for (ASTM D472-56)	L14.60-1956	Resistance to Wetting (Spray Test) (Contained in ASTM D583-54; AATCC 22-52) Included with L14.59-1956
L14.32-1957	Fiber Length of Wool Tops, Method of Test for (ASTM D519-55T)	L14.61-1956	Resistance to Wetting (Static Immersion Absorption Test) (Contained in ASTM D583-54; AATCC 21-52) Included with L14.59-1956
★L14.33-1959	Man-Made Staple Fibers, Methods of Testing (ASTM D540-57T)	L14.63-1956	†Colorfastness to Pleating (AATCC 31-52)
L14.34-1953	Testing and Tolerances for Single Jute Yarn, Methods of (ASTM D541-52)		
L14.35-1953	Testing Woven Asbestos Cloth, Methods of (ASTM D577-52)		
L14.36-1951	Testing and Tolerances for Glass Yarn, 2nd ed. Methods of (ASTM D578-50T)		
L14.37-1951	Testing and Tolerances for Woven Glass Fabrics, Methods of (ASTM D579-49)		
L14.38-1951	Testing and Tolerances for Woven Glass Tapes, Methods of (ASTM D580-49)		
L14.39-1951	Testing and Tolerances for Woven Glass Tubular Sleaving and Braids, Methods of (ASTM D581-49)		

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

Price

Price

●L14 — Textile Test Methods (Continued)

L14.64-1951	†Resistance of Textile Fabrics and Yarns to Insect Pests (AATCC 24-49).....	Out of print
L14.65-1951	†Evaluation of Insect Pest Deterrents on Textiles (AATCC 28-49).....	Out of print
L14.66-1954	Textile Testing Machines, Specifications for (ASTM D76-53) .....	.30
L14.67-1951	Testing and Tolerances for Knit Goods, Methods of (ASTM D231-46) .....	.30
L14.68-1951	Testing Woven Textile Fabrics, General Methods of (ASTM D39-49) .....	.30
L14.69-1952	†Flammability of Clothing Textiles, Test Method for (AATCC 33-52; ASTM D1230-52T) .....	.50
L14.70-1956	†Colorfastness to Mill Washing (Silk) (AATCC 4-52) .....	.35
L14.71-1956	†Colorfastness to Dry and Wet Heat (AATCC 5-52) .....	.35
L14.72-1956	†Colorfastness to Rubbing (Crocking) (AATCC 8-52) .....	.35
L14.73-1956	†Detection of Phototropism (AATCC 32-52) .....	.35
L14.74-1956	Resistance to Water Penetration (Rain Test) (Contained in ASTM D583-54; AATCC 35-52) Included with L14.59-1956	
L14.75-1956	†Evaluation of Textiles for Wettability (AATCC 39-52) .....	.35
L14.76-1956	†Dimensional Changes in Textile Fabrics (Other than Cotton and Linen) (AATCC 40-52) .....	.35
L14.77-1956	†Dimensional Changes in Textile Fabrics (Wool: Accelerated Test) (AATCC 41-52) .....	.35
L14.78-1956	Resistance to Water Penetration (Impact Penetration Test) (Contained in ASTM D583-54; AATCC 42-52) Included with L14.59-1956	
L14.79-1956	†Evaluation of Penetrants for Mercerization (AATCC 43-52) .....	.35
L14.80-1956	Colorfastness to Mercerizing (AATCC 51-52)	Out of print
L14.81-1956	†Accelerated Washfastness Tests No. 2A, 3A, and 4A (Cotton) (AATCC 61-54) .....	.35
L14.82-1956	†Evaluation of the Resistance of Wool Oils to Oxidation in Storage (AATCC 62-52) .....	.35
L14.83-1956	†Colorfastness to Water (AATCC 63-52) .....	.35
L14.84-1956	†Evaluation of Continuous Scouring of Raw Grease Wool (AATCC 64-52) .....	.60
L14.85-1956	Evaluation of the Snag Resistance of Hosiery (AATCC 65-54; ASTM D1115-54T) .....	.30
L14.86-1956	†Damage Caused by Retained Chlorine (AATCC 69-52) .....	.35
L14.87-1956	Resistance to Wetting (Dynamic Immersion Absorption Test) (Contained in ASTM D583-54; AATCC 70-52) Included with L14.59-1956	
L14.88-1956	†Wool Hose: Accelerated Shrinkage Test (AATCC 73-53) .....	.35
L14.89-1956	Relaxation and Felting Shrinkage in Laundering of Stabilized Knit Wool Fabrics, Methods of Test for (ASTM D1284-53T; AATCC 74-53) .....	.30
★L14.90-1959	Spun and Filament Yarns Made Wholly or in Part of Man-Made Organic Base Fibers, Methods of Testing (ASTM D1380-57T) .....	.50

●L14 — Textile Test Methods (Continued)

L14.91-1957	Length and Length Distribution of Cotton Fibers by the Array Method, Method of Test for (ASTM D1440-55) .....	.30
L14.92-1957	Sampling Cotton Fibers for Testing, (ASTM D1441-54) .....	.30
L14.93-1957	Fiber Weight per Unit Length and Maturity of Cotton Fibers (Array Method) Method of Test for (ASTM D1442-54) .....	.30
L14.94-1957	Maturity of Cotton Fibers (Random Sample-Sodium Hydroxide Swelling Method) Method of Test for (ASTM D1443-56) ..	.30
L14.95-1957	Cross-Sectional Characteristics of Cotton Fibers, (ASTM D1444-56) .....	.30
L14.96-1957	Strength of Cotton Fibers (Flat Bundle Method) (ASTM D1445-57) .....	.30
L14.97-1957	Number of Neps in Cotton Fibers, (ASTM D1446-53T) .....	.30
L14.98-1957	Length of Cotton Fibers by Fibrograph (ASTM D1447-54T) .....	.30
L14.99-1957	Fineness of Cotton Fibers by Micronaire (ASTM D1448-56) .....	.30
L14.100-1957	Determining the Specific Area and Immaturity Ratio of Cotton Fibers (Areometer Method) (ASTM D1449-55T) ..	.30
L14.101-1957	Maturity of Cotton Fibers (Polarized-Light-Method) (ASTM D1450-57) .....	.30
L14.102-1957	Resistance to Yarn Slippage in Silk, Rayon, and Acetate Woven Fabrics, Method of Test for (ASTM D434-42) .....	.30
L14.103-1957	Yarn Distortion in Woven Fabrics, Method of Test for (ASTM D1336-54T) .....	.30

●L17 — Specifications for Women's Industrial Clothing (American War Standards):

L17.1-1944	†Bungalow, Aprons, and Wrap-around and Coat Style Dresses .....	.50
L17.2-1944	†Slacks, Dungarees, Overalls, and Coveralls .....	.50
L17.3-1944	†Jackets, Shirts, and Aprons .....	.50
L17.4-1944	†Regular and Princess Model Coat Style Dresses .....	.35

●L18 — Specifications for Protective Occupational (Safety) Clothing (American War Standards):

L18.1-1944	†Leather Aprons	Out of print
L18.2-1944	†Cape-Sleeves and Bibs	
L18.3-1944	†Knee-Length Leggings	
L18.4-1944	†Leather Coats	
L18.5-1944	†Leather Overalls	
L18.6-1944	†Leather Sleeves	
L18.7-1944	†Welders' Leather Gauntlet Gloves	
L18.8-1944	†Protective Leather Gloves, Steel-Stapled ..	
L18.9-1944	†Asbestos Gloves	
L18.10-1944	†Asbestos Gloves, Leather Reinforced	
L18.11-1944	†Asbestos Mittens	
L18.12-1944	†Asbestos Mittens, Leather Reinforced	
L18.14-1944	†Asbestos Aprons (Bib Type)	
L18.15-1944	†Asbestos Cape Sleeves and Bibs	
L18.16-1944	†Asbestos Leggings (Knee and Hip Length) ..	
L18.17-1944	†Asbestos Coats	

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●L18—Specifications for Protective Clothing (Continued)			M11-1927	Wire Rope for Mines	Out of print	
L18.18-1945	†Leather One-Finger Mittens	Out of print	M12.1-1946	†Construction and Maintenance of Ladders and Stairs for Mines .....	.50
L18.19-1945	†Leather Mittens		R1958			
L18.20-1945	†Asbestos One-Finger Mittens		M13-1925	†Rock-Dusting Coal Mines to Prevent Coal Dust Explosions .....	.35
L18.21-1945	†Flame-Resistant Fabric Aprons (Bib Type)		R1942			
L18.22-1945	†Flame-Resistant Fabric Leggings (Knee and Hip Length)		M20.1-1938	Classification of Coals by Rank, Specifications for (ASTM D388-38) .....	.30
L18.23-1945	†Flame-Resistant Fabric Coats		M20.2-1937	Classification of Coals by Grade, Specifications for (ASTM D389-37) .....	.30
L18.24-1945	†Flame-Resistant Fabric Pants		M20.3-1944	Designating the Size of Coal from Its Screen Analysis, Method for (ASTM D431-44) .....	.30
L18.25-1945	†Flame-Resistant Fabric Coveralls		M20.4-1939	Commercial Varieties of Bituminous and Subbituminous Coals, Definitions for (ASTM D493-39) .....	.30
L18.26-1945	†Flame-Resistant Fabric Spats		M24-1932	†Installing and Using Electrical Equipment in Metal Mines, Safety Rules for, Out of print		
L18.27-1945	†Leather Spats		M28.1-1955	†Safety Procedures for Quarries	1.50	
L18.28-1945	†Asbestos Spats		M30.1-1957	Roof Bolting Materials in Coal Mines, Specifications for .....	.50
L18.29-1945	†Chemical-Resistant Gloves					
●L22—Rayon and Acetate Fabrics, Minimum Requirements:			MH—Materials Handling			
(Complete Set, Bound,, \$4.25)			●MH2—Specifications for Metal Drums and Pails:			
L22.1.1- through L22.1.24-1952			★MH1.1-1959	Pallet Sizes	2.00	
†Part I, Women's and Girls' Rayon and Acetate Wearing-Apparel Fabrics	1.00		★MH2.1-1959	†55-Gallon Tight-Head Universal Drum (ICC-17E)	1.00	
(Part I and Test Methods, \$3.00)			★MH2.2-1959	†55-Gallon Full-Removable-Head Universal Drum (UFC and CFC—Rule 40, NMFC—Rule 5)		
L22.2.1- through L22.2.16-1952			★MH2.3-1959	†55-Gallon Tight-Head Universal Drum (ICC-5B)		
†Part II, Men's and Boys' Rayon and Acetate Wearing-Apparel Fabrics .....	.80		★MH2.4-1959	†55-Gallon Tight-Head Universal Drum (ICC-17C)	
(Part II and Test Methods, \$2.80)			★MH2.5-1959	†55-Gallon Full-Removable-Head Universal Drum (ICC-17H)		
L22.3.1- through L22.3.11-1952			★MH2.6-1959	†30-Gallon Tight-Head Universal Drum (ICC-17E)		
†Part III, Rayon and Acetate Home-Furnishings Fabrics .....	.65		★MH2.7-1959	†16-Gallon Tight-Head Universal Drum (ICC-17E)	
(Part III and Test Methods, \$2.65)			★MH2.8-1959	†16-Gallon Full-Removable-Head Lug-Cover Universal Drum (UFC and CFC—Rule 40, NMFC—Rule 5)		
†Part IV, Test Methods used in conjunction with L22 Standards	2.25		★MH2.9-1959	†5-Gallon Tight-Head Universal Pail (ICC-17E)		
			★MH2.10-1959	†5-Gallon Lug-Cover Universal Pail (ICC-37A-80)		
●L24—Institutional Textiles, Minimum Performance Requirements for:			●MH3—Motor Oil Cans			
(Complete Set, Bound,, \$6.25)			The following will be redesignated as MH standards as they are revised or reaffirmed.			
L24.1.1- through L24.1.7-1955			B64.1-1934	†One-Quart Round Motor Oil Cans, Specifications for .....	.35
†Part I, Institutional Furnishings .....	.65		B64.2-1957	†Five-Quart and One-Gallon Round Motor Oil Cans, Requirements for .....	.35
L24.2.1- through L24.2.11-1955			B64.3-1954	†Oblong Oil Cans, Requirements for .....	.35
†Part II, Utility Textiles .....	.90		B64.4-1954	†Grease Cans, Requirements for .....	.35
(including L4.1-1948)						
L24.3.1- through L24.3.7-1955			●			
†Part III, Uniforms .....	.90		★MH4.1-1959	Conveyor Terms and Definitions (CEMA 102) (Revision of B75.1-1956)	1.50
(including L22.1.4-, L22.1.6-, and L22.2.7-1952)			★MH7.1-1959	†Shipping Cases for Petroleum Containers, Dimensions for .....	.35
L24.4.1- through L24.4.11-1955						
†Part IV, Work Clothes .....	.90				
L24.5.1-1955	Permanent Labels, Detachable Tags and Certification of Fabrics or Products, .....	.35			
†Part V, Test Methods	2.75					
M—Mining						
M2.1-1951	Installing and Using Electrical Equipment in Coal Mines, Safety Rules for (BMTP 402) .....	.25			
M5-1932	Screen Testing of Ores (Hand Method), Methods for .....	.25			
M6.1-1955	Drainage of Coal Mines, Recommended Practice for, (Bureau of Mines Bulletin 570) .....	.20			
M7.3-1958	Rail Haulage Roads in Coal Mines, Construction and Maintenance of .....	.75			

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

Price

N — Nuclear

N1.1-1957	Nuclear Science and Technology, Glossary of Terms in	5.00
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O — Wood Industry

O1.1-1954	†Woodworking Machinery, Safety Code for	1.00
O4.1-1958	Testing Small Clear Specimens of Timber, Methods of (ASTM D143-52)60
O4.2-1927 R1958	Static Tests of Timbers in Structural Sizes, Methods of (ASTM D198-27) (Reaffirmation of O4b-1927) .....	.30
O4.3-1958	Establishing Structural Grades of Lumber, Methods for (ASTM D245-57T) .....	.60
O4.4-1958	Static Tests of Wood Poles, Methods of (ASTM D1036-55T) .....	.50
O4.5-1958	Terms Relating to Timber, Definitions of (ASTM D9-30) .....	.30
O4.6-1958	Domestic Hardwoods and Softwoods, Nomenclature of (ASTM D1165-52) .....	.30
O5.1-1948	†Wood Poles, Specifications and Dimensions for .....	.75
★O6.1-1959	Round Timber Piles, Specifications for (ASTM D25-58) .....	.30
O7.1-1958	Testing Veneer, Plywood and Other Glued Veneer Constructions, Methods of (ASTM D805-52) .....	.30
O7.2-1958	Terms Relating to Veneer and Plywood, Definitions of (ASTM D1038-52) .....	.30
O8.1-1958	Test for Evaluating the Properties of Building Fiberboards, Methods of (ASTM D1037-56T) .....	.50
O9.1-1958	Wooden Paving Blocks for Exposed Pavements, Specifications for (ASTM D52-20) .....	.30
O10.1-1958	Creosoted End-Grain Wood Block Flooring for Interior Use, Specifications for (ASTM D1031-55) .....	.30
O12.1-1958	Modified Wood, Specifications for (ASTM D1324-57T) .....	.30

P — Pulp and Paper Industry

P1.1-1956	†Paper and Pulp Mills, Safety Code for ...	1.00
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PH — Photography and Motion Pictures

●PH1 — Characteristics of Photographic Films, Plates, and Papers:

(20% discount will be allowed on the purchase of complete PH1 Series) (Binder \$2.00)

PH1.1-1953	†Designation for Thickness of Photographic Paper (Revision of Z38.1.44-1944) .....	.35
PH1.2-1952	†5¼- x 2½-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.32-1945) .....	.35
PH1.3-1952	†5¼- x 2¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.33-1945) .....	.35
PH1.4-1952	†7- x 1½-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.34-1945) .....	.35
PH1.5-1952	†7- x 2¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.36-1945) .....	.35
PH1.6-1952	†7- x 4¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.37-1945) .....	.35

●Photographic Films, Plates, and Papers (Continued)

PH1.7-1952	†9¼- x 4-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.38-1945) ...	.35
PH1.8-1952	†9¼- x 5½-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.39-1945) .....	.35
PH1.9-1952	†9¼- x 6¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.40-1945) ...	.35
PH1.10-1952	†Roll Film and Unsensitized Leaders and Trailers for Aerial Photography, Dimensions for (Revision of Z38.1.41-1944) ...	.35
PH1.11-1958	†Photographic Roll Paper, Dimensions for .....	.35
PH1.12-1953	†Photographic Paper Sheets, Dimensions for (Revision of Z38.1.43-1947 and Partial Revision of Z38.1.6-1943) .....	.35
PH1.13-1953	†Dimensions for Molded-Type Cores for Photographic Film and Paper Rolls (Revision of Z38.1.48-1947) .....	.35
★PH1.14-1959	†35-Millimeter Film Magazines and Film for Still Picture Cameras, Dimensions for (Revision and Combination of PH1.14-1953 and Z38.1.49-1951) .....	.35
PH1.15-1953	†Industrial X-ray Sheet Film (Inch Sizes), Dimensions for (Revision of Z38.1.25-1947) .....	.35
PH1.16-1953	†Graphic Arts Sheet Film (Inch Sizes), Dimensions for (Revision of Z38.1.26-1947) .....	.35
PH1.17-1956	†Medical X-ray Sheet Film (Inch and Centimeter Sizes), Dimensions for, ....	.35
PH1.18-1956	†Professional Portrait and Commercial Sheet Film (Inch and Centimeter Sizes), Dimensions for (Revision of PH1.18-1953 and Z38.1.29-1949) .....	.35
PH1.19-1944 R1958	†Emulsion Side of Photographic Sheet Films, Designation of .....	.35
PH1.20-1956	†70-Millimeter Unperforated and Perforated Film for Cameras other than Motion Picture Cameras (Revision of Z38.1.3-1948) .....	.35
PH1.21-1956	†Amateur Roll Film, Backing Paper, and Film Spools (Revision of Z38.1.7-1950) ..	1.50
★PH1.23-1959	†Photographic Dry Plates, (Inch and Centimeter Sizes) Dimensions for .....	.35
PH1.24-1955	†35-Millimeter Slide Film Projection Rolls (Revision of Z38.3.3-1946) .....	.35
PH1.25-1956	†Safety Photographic Film, Specifications for (Revision of Z38.3.1-1943) .....	.50
PH1.26-1956	†Film Packs, Dimensions for (Revision of Z38.1.1-1951) .....	.35
PH1.27-1956	†Spooling Photographic Paper for Recording Instruments, Requirements for .....	.35
PH1.28-1957	†Photographic Films for Permanent Records, Specifications for (Revision of Z38.3.2-1945) .....	.50
PH1.29-1958	†Curl of Photographic Film, Methods for Determining the .....	.80
PH1.30-1958	†Film in Rolls for Recording Instruments, Graphic Arts, Photo Typesetting, Portrait, X-ray, and Related Use, Dimensions for .....	.35
PH1.31-1958	†Brittleness of Photographic Film, Method for Determining the .....	.80
★PH1.32-1959	†Determining the Dimensional Change Characteristics of Photographic Films and Papers, Method for	1.50

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Price

● Photographic Films, Plates, and Papers (Continued)

These Z38 numbers will be changed to PH1 as the standards are revised or reaffirmed.

Z38.1.52-1951	†16-Millimeter 100-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for .....	.35
Z38.1.53-1951	†16-Millimeter 200-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for .....	.35
Z38.1.54-1951	†35-Millimeter 100-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for .....	.35
Z38.1.55-1951	†70-Millimeter 100-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for .....	.35

● PH2 — Photographic Sensitometry

(20% discount will be allowed on the purchase of complete PH2 series) (Binder \$2.00)

PH2.1-1952	†Spectral Diffuse Densities of Three-Component Subtractive Color Films .....	.35
PH2.2-1953	†Sensitometry and Grading of Photographic Papers .....	.50
PH2.3-1956	†Activity or the Relative Photographic Effectiveness of Illuminants, Method for Determining the .....	.50
PH2.4-1953	†Exposure Guide Numbers for Photographic Lamps, Method for Determining .....	.50
PH2.5-1954	†Photographic Speed and Exposure Index, Method for Determining (Embodies ISO R6) .....	.50
PH2.6-1954	†Spectral-Sensitivity Indexes and Group Numbers for Photographic Emulsions, Methods of Determining .....	.75
PH2.7-1955	†Photographic Exposure Computer (Special quantity discounts apply)	1.50
PH2.8-1956	†Sensitometry of Industrial X-ray Films for Energies up to 2 Million Electron Volts, Method for the	1.00
PH2.9-1956	†Sensitometry of Medical X-ray Films, Method for the	1.00
PH2.10-1956	†Evaluating Films for Monitoring X-rays and Gamma Rays Having Energies up to 2 Million Electron Volts, Method for .....	.75
PH2.11-1958	†Sensitometric Exposure of Daylight-Type Color Films .....	.50
PH2.12-1957	†General-Purpose Photographic Exposure Meters (Revision of Z38.2.6-1948) .....	.75
PH2.13-1958	†Testing Photographic Flash Lamps, Method for (Revision of Z52.43-1944) .....	.35
PH2.14-1958	†Special-Purpose Photographic Exposure Indexes for Short and for Long Exposure Times .....	.80
PH2.17-1958	†Diffuse Reflection Density .....	.80
PH2.19-1959	†Diffuse Transmission Density (Embodies ISO R5)	1.80

The number of the following standard will be changed to PH2 when it is revised or reaffirmed.

Z38.8.13-1950	†Safety Time of Photographic Dark-room Illumination, Procedure for Determining the35
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● PH3 — Photographic Apparatus:

(20% discount will be allowed on the purchase of complete PH3 series) (Binder \$2.00)

★PH3.1-1959	†Back Window Location for Roll Film Cameras .....	.35
PH3.2-1952 R1959	†Performance Characteristics of Focal-Plane Shutters Used in Still Picture Cameras, Method for Determining .....	.35
★PH3.4-1959	†Performance Characteristics of Front Shutters Used in Still Cameras, Method for Determining .....	.50
PH3.6-1952 R1957	†Tripod Connections for American Cameras, 1/4-Inch-20 Thread (Revision of Z38.4.1-1942) .....	.35
PH3.7-1952 R1957	†Tripod Connections for Heavy-Duty or European Cameras, 1/4-Inch-16 Thread with Adapter for 1/4-Inch-20 Tripod Screws .....	.35
PH3.8-1953 R1959	†Contact Printers, Specifications for .....	.35
PH3.9-1953 R1959	†Masks (Separate) for Use in Photographic Contact Printing of Roll Film Negatives, Specifications for .....	.35
PH3.10-1954	†Threads for Attaching Mounted Lenses to Photographic Equipment .....	.35
PH3.11-1953 R1959	†Stereo Still Pictures on 35-Millimeter Film (5-Perforation Format) Dimensions for .....	.35
★PH3.12-1959	†Attachment Threads for Lens Accessories, Specifications for .....	.35
PH3.13-1958	†Focal Length Marking of Lenses (Revision of Z38.44-1942) .....	.35
PH3.14-1958	†Front Lens Mounts for Cameras, Dimensions of .....	.35
PH3.15-1944 R1959	†Printing Frames, Specifications for .....	.35
PH3.16-1947 R1952	†Resolving Power of Lenses for Projectors for 35-mm Slidefilm and 2- x 2-Inch Slides, Method for Determining .....	.35
PH3.17-1958	†Photographic Filter Sizes, Specification for .....	.35
PH3.18-1957	†Internal Synchronization of Front Shutters, Classifying and Testing the .....	.35
PH3.19-1948 R1954	†Radiographic Intensifying Screens, Dimensions for .....	.35
PH3.20-1953	†Focusing Camera Lenses, Distance Scales for (Revision of Z38.4.3-1947 and Z38.4.13-1948) .....	.35
PH3.21-1957	†Medical X-ray Film Cassettes (Inch and Centimeter Sizes) Dimensions for .....	.35
PH3.22-1958	†Distribution of Illuminance Over the Field of a Photographic Objective or Projection Lens .....	.75
PH3.23-1950 R1956	†Shutter Cable Release Tip and Socket with Taper (European) Thread (Reaffirmation of Z38.4.5-1950) .....	.35
PH3.24-1950 R1956	†Shutter Cable Release Tip and Socket with Straight (American) Thread (Reaffirmation of Z38.4.6-1950) .....	.35
PH3.25-1948 R1957	†Parts of a Photographic Objective Lens, Nomenclature for (Reaffirmation of Z38.4.19-1948) .....	.35
PH3.26-1951 R1957	†Photographic Double Film Holders of the Lock Rib Type, Dimensions for (Reaffirmation of Z38.1.51-1951) .....	.35

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

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● Photographic Apparatus (Continued)	
PH3.27-1949 †Lantern Slide Projectors, Specifications for R1957 (Reaffirmation of Z38.7.14-1949)35
PH3.28-1945 †Slidefilm Projectors, Specifications for (Reaffirmation of Z38.7.15-1945) . . . . .	.35
PH3.29-1958 †Apertures and Related Quantities Pertaining to Photographic Lenses, Methods of Designating and Measuring (Revision of Z38.4.20-1948) . . . . .	.35
PH3.30-1958 †Camera Accessory Shoes, Dimensions for . . . . .	.35
PH3.31-1958 †Photographic Enlargers, Methods for Testing (Revision of Z38.7.6-1950) . . . . .	.50
★ PH3.32-1959 †Exposure-Time Markings for Shutters Used in Still Cameras (Revision of PH3.3 and PH3.5-1952) . . . . .	.35
★ PH3.33-1959 †Aperture Markings for Still Camera Lenses (Revision of Z38.4.7-1950) . . . . .	.35
★ PH3.34-1959 †Projectors for Opaque Materials, Specifications for (Revision of Z38.7.4-1944) . . . . .	.35
★ PH3.35-1960 †Designating and Measuring Focal Lengths and Focal Distances of Photographic Lenses, Methods of (Revision of Z38.4.21-1948) . . . . .	.35
These Z38 numbers will be changed to PH3 as the standards are revised or reaffirmed.	
Z38.4.8-1950 †Roll Film Cameras, Picture Sizes for . . . . .	.35
Z38.7.5-1948 †Printing and Projection Equipment, Methods of Testing . . . . .	.35
Z38.7.19-1950 †Lantern Slides, Dimensions for . . . . .	.35

● PH4 — Photographic Processing:

(20% discount will be allowed on the purchase of complete PH4 series) (Binder \$2.00)

★ PH4.2-1960 †Sheet Film and Processing Tanks, Specifications for . . . . .	.35
★ PH4.3-1960 †Photographic Trays, Specifications for . . . . .	.35
★ PH4.4-1960 †Channel-Type Photographic Processing Hangers for Sheet Films and Plates, Specifications for . . . . .	.35
PH4.5-1953 †Temperature for Photographic Processing Solutions . . . . .	.35
PH4.6-1953 †Converting Weights and Measures for Photographic Use, Method for . . . . .	.35
PH4.7-1958 †Thermometers for Photographic Processing, Specifications for (Partial Revision of Z38.8.9-1946) . . . . .	.35
PH4.8-1958 †Determining the Thiosulfate Content of Processed Black-and-White Photographic Film and Plates, Method for . . . . .	.80
PH4.9-1956 †Photographic Graduates (Revision of Z38.8.12-1948) . . . . .	.35
PH4.10-1953 †Photographic Grade Blotters, Requirements for . . . . .	.35
PH4.11-1956 †Method for Determining the Melting Point of a Non-support Layer of Films, Plates, and Papers in Distilled Water (Revision of Z38.8.20-1948) . . . . .	.50
PH4.12-1954 †Stability of the Images of Processed Black-and-White Films, Plates, and Papers, Methods for Indicating the . . . . .	.50
PH4.13-1954 †Chemical Resistivity and Photographic Inertness of Constructional Materials for Processing Equipment, Method and Criteria for Determining the . . . . .	.50

● Photographic Processing (Continued)	
PH4.14-1956 †Definition of a Fine Grain Developer . . . . .	.50
PH4.15-1945 †Bite of Film Clip, Dimensions for . . . . .	.35
PH4.16-1957 †Chromium-Plated Surfaces for Ferrotyping, Specifications for (Revision of Z38.8.18-1948) . . . . .	.35
PH4.17-1958 †Radiographic Film Processing Tanks, Internal Dimensions for, (Revision of Z38.8.7-1946) . . . . .	.35
PH4.18-1956 †X-ray Sheet Film Hangers (Clip-Type) (Revision of Z38.8.23-1949) . . . . .	.35
PH4.19-1956 †Deep Tanks for Manual Processing of Amateur Roll Film, Internal Dimensions for (Revision of Z38.8.8-1946) . . . . .	.35
PH4.20-1958 †Photographic Filing Enclosures for Storing Processed Photographic Films, Plates, and Papers (Revision of Z38.8.21-1950) . . . . .	.60
PH4.21-1958 †Photographic Grade Dry Mounting Tissue, Specification for . . . . .	.35
PH4.22-1956 †Channel-type Multiple Photographic Hangers (Plates and Sheet Film) . . . . .	.35
PH4.25-1958 †Photographic Laboratory Spring-Driven Timers, Specification for . . . . .	.35
★ PH4.27-1959 †Photographic Chemical Scales, Specifications for (Partial Revision of Z38.8.9-1946) . . . . .	.35

These Z38 numbers will be changed to PH4 as the standards are revised or reaffirmed.

Z38.8.3-1947 †Photographic Processing Manipulation of Films and Plates, Practice for . . . . .	.50
Z38.8.6-1949 †Photographic Processing Manipulation of Paper, Practice for . . . . .	.50
Z38.8.9-1946 †Scales, Graduates, and Thermometers for Use in Photography, Accuracy of (Partially revised by PH4.7-1958 and PH 4.27-1959) . . . . .	.35
Z38.8.14-1950 †Photographic Wetting Agents, Requirements for . . . . .	.35
Z38.8.25-1950 †Residual Thiosulfate and Tetrathionate in Processed Photographic Papers, Method for Determining . . . . .	.35

● Specifications for Photographic Grade Chemicals:

Acids

PH4.100-1958 †Acetic Acid, Glacial (Revision of Z38.8.100-1949) . . . . .	.35
PH4.101-1958 †Sulfuric Acid (Revision of Z38.8.101-1949) . . . . .	.35
PH4.102-1958 †Citric Acid, Monohydrate (Revision of Z38.8.102-1949) . . . . .	.35
PH4.103-1958 †Boric Acid, Crystalline (Revision of Z38.8.103-1949) . . . . .	.35
PH4.104-1958 †Hydrochloric Acid (Revision of Z38.8.104-1949) . . . . .	.35
★ PH4.105-1960 †Sodium Acid Sulfate, Fused . . . . .	.35
PH4.106-1958 †Acetic Acid, 28-Percent Solution (Revision of Z38.8.106-1949) . . . . .	.35
PH4.107-1954 †Citric Acid, Anhydrous . . . . .	.35

Developing Agents

PH4.125-1956 †Mono-Methyl-Para-Aminophenol Sulfate, (Revision of Z38.8.125-1948)35
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	Price
● Photographic Grade Chemicals (Continued)	
PH4.126-1955 †Hydroquinone (Revision of Z38.8.126-1949)35
PH4.127-1956 †2,4-Diaminophenol Hydrochloride, (Revision of Z38.8.127-1948) .....	.35
PH4.128-1956 †Para-Hydroxyphenylglycine, (Revision of Z38.8.128-1949) .....	.35
PH4.129-1956 †Para-Aminophenol Hydrochloride, (Revision of Z38.8.129-1948) .....	.35
PH4.130-1956 †Pyrogallol Acid, (Revision of Z38.8.130-1948) .....	.35
PH4.131-1958 †Catechol (Ortho-dihydroxybenzene, Pyrocatechin, Pyrocatechol) (Revision of Z38.8.131-1948) .....	.35
PH4.132-1956 †Para-Phenylenediamine, (Revision of Z38.8.132-1948) .....	.35
PH4.133-1956 †Para-Phenylenediamine, Dihydrochloride, (Revision of Z38.8.133-1948) .....	.35
PH4.134-1956 †Chlorohydroquinone, (Revision of Z38.8.134-1948) .....	.35
PH4.135-1954 †Mono-Benzyl-Para-Aminophenol Hydrochloride .....	.35
Hardeners	
PH4.150-1958 †Aluminum Potassium Sulfate (Revision of Z38.8.150-1949) .....	.35
PH4.151-1958 †Chromium Potassium Sulfate (Revision of Z38.8.151-1949) .....	.35
PH4.152-1958 †Formaldehyde, 37-Percent Solution (Formalin) (Revision of Z38.8.152-1949) .....	.35
★PH4.153-1960 †Paraformaldehyde (Revision of Z38.8.153-1949) .....	.35
Miscellaneous	
PH4.175-1958 †Sodium Sulphate, Anhydrous (Revision of Z38.8.175-1949) .....	.35
PH4.176-1958 †Sodium Acetate, Anhydrous (Revision of Z38.8.176-1949) .....	.35
PH4.177-1956 †Sodium Thiocyanate .....	.35
PH4.178-1954 †Isopropylamine, 50-Percent Aqueous Solution (Monoisopropylamine) .....	.35
PH4.179-1956 †Sodium Citrate .....	.35
PH4.180-1958 †Copper Sulfate (Cupric Sulfate) (Revision of Z38.8.180-1949) .....	.35
PH4.181-1954 Benzyl Alcohol .....	.35
PH4.183-1953 †Ammonium Chloride .....	.35
PH4.184-1953 †Ammonium Sulfate .....	.35
Restrainers and Antifogants	
PH4.200-1955 †Potassium Bromide (Revision of Z38.8.200-1949) .....	.35
PH4.201-1957 †Potassium Iodide (Revision of Z38.8.201-1948) .....	.35
PH4.202-1956 †Potassium Chloride (Revision of Z38.8.202-1948) .....	.35
PH4.203-1956 †Sodium Chloride (Revision of Z38.8.203-1948) .....	.35
PH4.204-1955 †Benzotriazole (1,2,3-Benzotriazole) (Revision of Z38.8.204-1948) .....	.35
PH4.205-1956 †5-Methylbenzotriazole (Revision of Z38.8.205-1948) .....	.35
PH4.206-1956 †6-Nitrobenzimidazole Nitrate (Revision of Z38.8.206-1948) .....	.35
PH4.207-1954 †Sodium Bromide .....	.35

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price
● Photographic Grade Chemicals (Continued)	
Alkalies	
PH4.225-1956 †Sodium Hydroxide (Revision of Z38.8.225-1948) .....	.35
PH4.226-1956 †Potassium Hydroxide (Revision of Z38.8.226-1948) .....	.35
PH4.227-1954 †Sodium Carbonate, Monohydrate .....	.35
PH4.228-1954 †Sodium Carbonate, Anhydrous .....	.35
PH4.229-1956 †Potassium Carbonate (Revision of Z38.8.229-1948) .....	.35
PH4.230-1954 †Sodium Tetraborate, Decahydrate (Borax) .....	.35
PH4.231-1954 †Sodium Metaborate, Octahydrate .....	.35
PH4.232-1956 †Ammonium Hydroxide (Revision of Z38.8.232-1948)35
PH4.233-1954 †Sodium Tetraborate Pentahydrate (Borax-5 Mole)35
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PH4.250-1953 †Sodium Thiosulfate, Anhydrous35
PH4.251-1953 †Sodium Thiosulfate, Crystalline35
PH4.252-1953 †Ammonium Thiosulfate, 60 Percent Solution35
PH4.253-1953 †Ammonium Thiosulfate35
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PH4.275-1952 †Sodium Sulfite35
PH4.276-1958 †Sodium Bisulfite, Anhydrous (Sodium metabisulfite) (Revision of Z38.8.276-1949)35
PH4.277-1957 †Potassium Metabisulfite (Revision of Z38.8.277-1948)35
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PH4.300-1958 †Potassium Dichromate (Potassium Bichromate) (Revision of Z38.8.177-1949)35
PH4.301-1958 †Potassium Permanganate (Revision of Z38.8.178-1949) .....	.35
PH4.302-1958 †Potassium Ferricyanide (Revision of Z38.8.179-1949)35
PH4.303-1958 †Potassium Persulfate (Revision of Z38.8.181-1949)35
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● PH5 — Photographic Reproduction of Documents:	
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PH5.2-1957 †Paper Sheets for Photo-Reproduction of Documents, Dimensions for35
PH5.3-1958 †16mm and 35mm Microfilms on Reels or in Strips, Specifications for (Revision of Z38.7.8-1947) .....	.50
PH5.4-1957 †Storage of Microfilm, Practice for .....	.50
Z38.7.17-1946 †Processed Microfilm, Reels for .....	.35
● PH22 — Motion Pictures:	
<i>(20% discount will be allowed on the purchase of complete PH22 series) (Special Binder \$5.00)</i>	
PH22.1-1953 †35mm Motion-Picture Film, Alternate Standards for Either Positive or Negative Raw Stock, Dimensions for .....	.35
PH22.2-1954 †35mm Sound Motion-Picture Film Usage in Camera (Embodies ISO R23) .....	.35

	Price
●PH22 — Motion Pictures (Continued)	
PH22.3-1954 †35mm Sound Motion-Picture Film Usage in Projector (Embodies ISO R24) ....	.35
PH22.5-1953 †16-Millimeter Film, Perforated Two Edges, Dimensions for (Embodies a portion of ISO R69) .....	.35
PH22.8-1957 †16mm Motion-Picture Film, Projected Image Area of (Revision of Z22.8-1950) ..	.35
PH22.9-1956 †16mm Film Perforated Along Two Edges, Usage in Camera (Embodies ISO R25) ..	.35
PH22.10-1956 †16mm Film Perforated Along Two Edges, Usage in Projector (Embodies ISO R26) ..	.35
PH22.11-1953 †16-Millimeter Motion-Picture Projection Reels .....	.35
PH22.12-1953 †16-Millimeter Film, Perforated One Edge, Dimensions for (Embodies a portion of ISO R69) .....	.35
PH22.15-1955 †16mm Film Perforated One Edge, Usage in Camera (Embodies ISO R27) .....	.35
PH22.16-1955 †16mm Film Perforated One Edge, Usage in Projector (Revision of Z22.16-1947) ..	.35
PH22.17-1954 †Dimensions for 8mm Motion-Picture Film ..	.35
PH22.20-1957 †8mm Motion-Picture Film, Projected Image Area of (Embodies a portion of ISO R74) .....	.35
PH22.21-1953 †8-Millimeter Motion-Picture Film, Usage in Camera (Embodies ISO R28) .....	.35
PH22.22-1953 †8mm Motion-Picture Film, Usage in Projector (Embodies ISO R29) .....	.35
PH22.23-1958 †8mm Motion-Picture Projection Reels (Revision of Z22.23-1941) .....	.35
PH22.24-1952 †Splices for 16-Millimeter Motion-Picture Films for Projection .....	.35
PH22.27-1947 †Transmission Density of Motion-Picture Films, Method of Determining, <i>Out of print</i> R1953	
PH22.28-1958 †Focal Lengths and Markings of 35mm Motion-Picture Projection Lenses (Revision of Z22.28-1946) .....	.35
PH22.31-1958 †Motion-Picture Safety Film (Revision of Z22.31-1946) (Including PH1.25-1956) ..	.75
PH22.34-1956 †35mm Motion-Picture Film, BH-1870, Dimensions for (Revision of Z22.34-1949) ..	.35
PH22.35-1957 †16-Tooth 35mm Motion-Picture Projector Sprockets (Revision of Z22.35-1947) ...	.35
PH22.36-1954 †Dimensions for 35mm Motion-Picture Positive Raw Stock .....	.35
PH22.37-1944 †Raw Stock Cores for 35-Millimeter Motion-Picture Film .....	.35
PH22.38-1952 †Raw Stock Cores for 16-Millimeter Motion-Picture Film .....	.35
PH22.39-1953 †Screen Brightness for 35mm Motion-Pictures .....	.35
PH22.40-1957 †Photographic Sound Record on 35mm Prints (Embodies ISO R70) .....	.35
PH22.41-1957 †Photographic Sound Record on 16mm Prints (Embodies ISO R71) .....	.35
PH22.42-1955 †16mm Sound-Focusing Test Film (Revision of Z22.42-1946) .....	.35
PH22.43-1953 †16mm 3000-Cycle Flutter Test Film .....	.35
PH22.44-1953 †16mm Multifrequency Test Film .....	.35
PH22.45-1955 †16mm 400-Cycle Signal-Level Test Film (Revision of Z22.45-1946)35

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●PH22 — Motion Pictures (Continued)	
PH22.46-1946 †16-Millimeter Positive Aperture Dimensions and Image Size for Positive Prints Made from 35-Millimeter Negatives ..	.35
PH22.47-1946 †Negative Aperture Dimensions and Image Size for 16-Millimeter Duplicate Negatives Made from 35-Millimeter Positive Prints .....	.35
PH22.48-1956 †Picture Printer Aperture for Contact Printing 16mm Positive from 16mm Negative (Revision of Z22.48-1946) ...	.35
PH22.49-1946 †Printer Aperture Dimensions for Contact Printing 16-Millimeter Reversal and Color Reversal Duplicate Prints .....	.35
PH22.50-1946 †Reel Spindles for 16-Millimeter Motion-Picture Projectors .....	.35
PH22.52-1954 †Cross-Modulation Tests, 16mm Variable-Area Photographic Sound .....	.35
PH22.53-1953 †Method of Determining Resolving Power of 16mm Motion-Picture Projector Lenses .....	.35
PH22.57-1953 †16mm Buzz-Track Test Film (Revision of Z22.57-1947) .....	.35
PH22.58-1954 †Aperture for 35mm Sound Motion-Picture Projectors (Embodies a portion of ISO R73) .....	.35
PH22.59-1954 †Aperture for 35mm Sound Motion-Picture Cameras (Embodies a portion of ISO R73) .....	.35
★PH22.60-1959 †Theatre Sound Test Film for 35-Millimeter Motion-Picture Sound Reproducing Systems .....	.35
PH22.61-1949 †Sound Focusing Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Reaffirmation of Z22.61-1949) ...	.35
PH22.62-1948 †Sound Focusing Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Laboratory Type) .....	.35
PH22.65-1948 †Scanning-Beam Uniformity Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Service Type) .....	.35
PH22.66-1948 †Scanning-Beam Uniformity Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Laboratory Type) .....	.35
PH22.67-1948 †1000-Cycle Balancing Test Film for 35-Millimeter Motion-Picture Sound Reproducers .....	.35
PH22.68-1949 †Buzz-Track Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Reaffirmation of Z22.68-1949) .....	.35
PH22.69-1948 †Sound Records and Scanning Area of Double Width Push-Pull Sound Prints (Normal Centerline Type) (Embodies a portion of ISO R72) .....	.35
PH22.70-1948 †Sound Records and Scanning Area of Double Width Push-Pull Sound Prints (Offset Centerline Type) (Embodies a portion of ISO R72) .....	.35
PH22.71-1957 †32mm Motion-Picture Film, 2R-3000, Dimensions for (Revision of Z22.71-1950) ..	.35
PH22.72-1957 †32mm Motion-Picture Film, 4R-3000, Dimensions for (Revision of Z22.72-1950) ..	.35
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●PH22 — Motion Pictures (Continued)	
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★PH22.76-1960 †Threaded Lens Mounts for 16mm and 8mm Motion-Picture Cameras..... .35	
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PH22.79-1950 †16-Millimeter Sound Projector Test Film (Reaffirmation of Z22.79-1950)35	
PH22.82-1951 †Sound Transmission of Perforated Projection Screens35	
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PH22.84-1953 †Projection Lamps, Medium Prefocus Ring Double-Contact Base-Up Type for 16mm and 8mm Motion-Picture Projectors, Dimensions for35	
PH22.85-1953 †Projection Lamps, Medium Prefocus Base-Down Type for 16mm and 8mm Motion-Picture Projectors, Dimensions for35	
PH22.86-1953 †Dimensions for 200-Mil Magnetic Sound Tracks on 35mm and 17½mm Motion-Picture Film35	
PH22.87-1958 †100-Mil Magnetic Coating on 16mm Film, Perforated One Edge35	
PH22.88-1956 †Magnetic Coating of 8mm Motion-Picture Film35	
PH22.89-1958 †Scene-Change Cueing for Printing 16mm Motion-Picture Film35	
PH22.90-1953 †Motion Picture Lenses, Aperture Calibration of50	
PH22.91-1955 †16mm Motion Picture Projector for Use with Monochrome Television Film Chains Operating on Full-Storage Basis35	
PH22.92-1953 †Enlargement Ratio for 16mm to 35mm Optical Printing35	
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PH22.94-1954 †Slides and Opaques for Television Film Camera Chains (Supplement to Z38.7.19-1950)50	
PH22.95-1954 †Television Picture Area—35mm Motion-Picture Film35	
PH22.96-1954 †Television Picture Area—16mm Motion-Picture Film35	
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PH22.101-1956 †Magnetic Coating of 16mm Film Perforated Along Both Edges..... .35	
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PH22.103-1957 †35mm Anamorphic Prints with Magnetic Sound Records, Usage in Projector... .35	

	Price
●PH22 — Motion Pictures (Continued)	
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PH22.106-1957 †Projector Aperture for 35mm Anamorphic, 2.35:1 Prints with Squeeze Ratio of 2:135	
PH22.108-1958 †Four Magnetic Sound Records on 35mm Film ..... .35	
PH22.109-1958 †16mm Motion-Picture Film, 1R-2994, Dimensions for ..... .35	
PH22.110-1958 †16mm Motion-Picture Film, 2R-2994, Dimensions for ..... .35	
PH22.111-1958 †Picture and Sound Apertures for Continuous Contact Printers for 35mm Release Prints with Photographic Sound Records ..... .35	
PH22.112-1958 †Picture-Sound Separation in 16mm Magnetic Sound Projectors..... .35	
PH22.113-1958 †16mm Flutter Test Film, Magnetic Type. .35	
★PH22.114-1959 †16mm Azimuth Test Film, Magnetic Type .35	

These Z22 numbers will be changed to PH22 as the standards are revised or reaffirmed.

Z22.4-1941 †35mm Film; Projector Reels..... .35	
Z22.7-1950 †Picture Aperture of 16-Millimeter Motion-Picture Cameras, Location and Size of .. .35	
Z22.19-1950 †Picture Aperture of 8-Millimeter Motion Picture Cameras, Location and Size of (Embodies a portion of ISO R74) ..... .35	
Z22.51-1946 †Intermodulation Tests on Variable Density 16-Millimeter Sound Motion Picture Prints, Method of Making..... .35	
Z22.55-1947 †35-Millimeter Sound Motion Picture Release Prints in Standard 2000-Foot Lengths, Specifications for..... .35	
Z22.56-1947 †Nomenclature for Motion Picture Film Used in Studios and Processing Laboratories (19½- x 28½-inch reproduction of chart on pages 8 and 9 sold separately....30¢)	1.00
Z22.80-1950 †Scanning-Beam Uniformity Test Film for 16-Millimeter Motion Picture Sound Reproducers (Laboratory Type) ..... .35	
Z22.81-1950 †Scanning-Beam Uniformity Test Film for 16-Millimeter Motion Picture Sound Reproducers (Service Type) ..... .35	

S — Acoustics, Vibration, Mechanical Shock, and Sound Recording

(20% discount will be allowed on the purchase of complete series)

★S1.6-1960 †Acoustical Measurements, Preferred Frequencies for ..... .35	
★S2.2-1959 †Calibration of Shock and Vibration Pick-ups, Methods for the..... .2.50	

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

The following will be redesignated as S standards as they are revised or reaffirmed:

		Price
Z24.1-1951	†Acoustical Terminology (Embodies ISO R16)	1.50
Z24.1a	†Shock and Vibration Terminology, Supplement to Z24.1-1951 (Proposed; distributed for trial and criticism) .....	.75
Z24.3-1944	†Sound Level Meters for Measurement of Noise and Other Sounds .....	.50
Z24.4-1949	†Pressure Calibration of Laboratory Standard Pressure Microphones, Method for the .....	.75
Z24.5-1951	†Audiometers for General Diagnostic Purposes .....	.50
Z24.7-1950	†Apparatus Noise Measurement, Test Code for .....	.80
Z24.8-1949	†Laboratory Standard Pressure Microphones, Specification for .....	.50
Z24.9-1949	†Coupler Calibration of Earphones, Method for the .....	.75
Z24.10-1953	†Octave-Band Filter Set for the Analysis of Noise and Other Sounds, Specification for an .....	.50
Z24.11-1954	†Free-Field Secondary Calibration of Microphones, Method for the .....	.50
Z24.12-1952	†Pure-Tone Audiometers for Screening Purposes, Specification for .....	.50
Z24.13-1953	†Speech Audiometers, Specifications for ....	.50
Z24.14-1953	†Measurement of Characteristics of Hearing Aids, Methods for .....	.50
Z24.15-1955	†Specifying the Characteristics of Analyzers Used for the Analysis of Sounds and Vibrations, Method for .....	.50
Z24.17-1955	†Design, Construction, and Operation of Class HI (High-Impact) Shock-Testing Machine for Lightweight Equipment, Specification for the	1.00
<div style="border: 1px solid black; padding: 5px;"> <p>Complete manufacturing and installation drawings for the Class HI (High-Impact) Shock-Testing Machine for Lightweight Equipment as specified in American Standard Z24.17-1955, consisting of 19 sheets.</p> <p>Price Per Set.....\$25.00</p> </div>		
Z24.18-1956	†Ultrasonic Therapeutic Equipment, Specification for .....	.75
Z24.19-1957	†Laboratory Measurement of Air-Borne Sound Transmission Loss of Building Floors and Walls, Recommended Practice for..	.50
Z24.21-1957	†Specifying the Characteristics of Pickups for Shock and Vibration Measurement, Method for	1.00
Z24.22-1957	†Measurement of the Real-Ear Attenuation of Ear Protectors at Threshold, Method for the .....	.50
Z24.24-1957	†Calibration of Electroacoustic Transducers (Particularly Those for Use in Water), Procedures for	2.00

Z24-X2 The Relations of Hearing Loss to Noise Exposure\$1.50

64 pp, 6 x 9 in., 18 figures, 8 tables, heavy paper cover. This report by Exploratory Subcommittee Z24-X-2 of Sectional Committee Z24 on Acoustics, Vibration, and Mechanical Shock analyzes the noise problem. Representing one of the most comprehensive surveys ever made, it tells what factors enter into industrial loss of hearing; how much certain types of noise affect hearing; what allowance to make for recovery of hearing after noise exposure; what loss of hearing to expect of different age groups.

Z57.1-1954	†Flutter Content of Sound Recorders and Reproducers, Method for Determining..	.75
★ Z57.4-1959	†Magnetic Recording Instruments for the Home—Wire Size, Speed, Spools, Requirements for (EIA REC-131-A) .....	.35

X — Office Equipment and Supplies

X2.1.1-1951	†Desks and Tables for General Office Use, Dimensions of35
X2.1.2-1952	†Installation of Telephone Equipment on Desks, Provisions for .....	.35
X2.1.3-1954	†Reflectances of Furniture for General Office Use .....	.35
X2.1.4-1954	†Posture Chair, Definition of.....	.35
X2.2.1-1955	Basic Sheet Sizes and Standard Stock Sizes for Bond Papers and Index Bristols....	.35
★ X2.3.4-1959	†Charting Paperwork Procedures, Method of	.35
X2.4.1-1951	†Index Cards and Record-Keeping Cards, Size Designation for.....	.35
X2.4.2-1954	†Non-Carbonized, Single-Ply, Adding Machine Paper Rolls, Specifications for....	.35
X2.4.3-1956	Ring, Memo, and Post Binder Sheet Sizes and Ring and Post Data .....	.25
X2.5.16-1954	†Operating Voltage Range of Office Dictating Machines .....	.35
X2.5.17-1954	†Maximum Electrical Leakage of Dictating Machines .....	.35
X2.5.19-1954	†Cable for Office Dictation Machines, Length of .....	.35
★ X2.5.20-1960	†Office Type Dictating Equipment, Minimum Requirement for .....	.35
★ X2.5.21-1959	†Remote Dictation Through an Intercommunication Switching System, Minimum Requirements for .....	.35

Y — Drawings, Symbols, and Abbreviations (Formerly Z)

Y is the letter assigned to standards for abbreviations, charts and graphs, drawings, graphical symbols, and letter symbols. Standards presently designated Z will be changed to Y when revised.

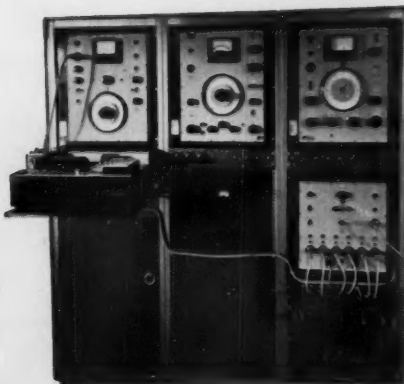
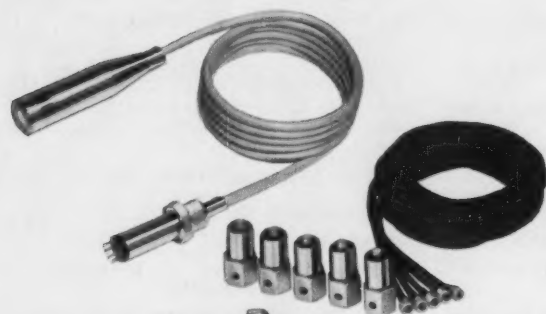
●**Y1 — Abbreviations:**

The following standards will be numbered Y1 when they are revised.

Z10.1-1941	Abbreviations for Scientific and Engineering Terms	1.00
Z32.13-1950	†Abbreviations for Use on Drawings.....	2.00

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 Frequency Range: 10 c/s to 25,000 c/s
 Read Out: TRUE RMS, Average or Peak on Meter or Chart Recording
 Accuracy: ± 0.5 db

AUDIO SPECTRUM ANALYSIS INSTRUMENTATION

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 Frequency Range: 10 c/s to 35,000 c/s
 Filter Band Widths: 6% to 30%, 1/3 octave; full octave
 Tuning: Manual or Automatic
 Read Out: TRUE RMS, Average or Peak on Meter or Calibrated Chart
 Accuracy: ± 0.5 db

FREQUENCY RESPONSE MEASURING INSTRUMENTATION

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 Tuning: Manual or Automatic
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 Test System Correction: Electronic Servo Automatically Corrects for Test System Non-Linearities
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	Price
●Y10 — Letter Symbols: (see also B6.3 and Z7.1)	
Y10.2-1958 Letter Symbols for Hydraulics (Revision of Z10.2-1942)	1.00
Y10.4-1957 Letter Symbols for Heat and Thermodynamics (Revision of Z10.4-1943)	1.50
Y10.7-1954 Letter Symbols for Aeronautical Sciences ..	2.00
Y10.9-1953 Letter Symbols for Radio	1.00
Y10.10-1953 Meteorology, Letter Symbols for	1.00
Y10.11-1953 Letter Symbols for Acoustics	1.00
R1959	
Y10.12-1955 Letter Symbols for Chemical Engineering ..	1.50
★Y10.14-1959 Letter Symbols for Rocket Propulsion ..	2.00
Y10.15-1958 Letter Symbols for Petroleum Reservoir Engineering and Electric Logging	1.50

The following numbers will be changed to Y10 as the standards are revised.

Z10.6-1928 Mathematical Symbols .....	.60
Z10.3-1948 Letter Symbols for Mechanics of Solid Bodies	1.00
R1953	
Z10.5-1949 Letter Symbols for Electrical Quantities	Out of print
Z10.6-1948 Letter Symbols for Physics	2.00
Z10.8-1949 Letter Symbols for Structural Analysis	1.00

●Y14 — American Standard Drafting Manual

(Sections preceded by an asterisk are partial revisions of Z14.1-1946)

Y14.1-1957 *Size and Format (Section 1)	1.00
Y14.2-1957 *Line Conventions, Sectioning and Lettering (Section 2)	1.50
Y14.3-1957 *Projections (Section 3)	1.50
Y14.4-1957 Pictorial Drawing (Section 4)	1.50
Y14.5-1957 *Dimensioning and Notes (Section 5)	2.00
Y14.6-1957 *Screw Threads (Section 6)	1.50
Y14.7-1958 *Gears, Splines and Serrations (Section 7) ..	1.50
Y14.9-1958 Forging (Section 9)	1.50
★Y14.10-1959 *Metal Stampings (Section 10)	1.50
Y14.11-1958 Plastics (Section 11)	1.50
★Y14.17-1959 Fluid Power Diagrams (Section 17)	1.50

●Y15 — Charts and Graphs:

Y15.1-1959 Illustrations for Publication and Projection (Revision of Z15.1-1932 and Z15.3-1943) ..	2.00
★Y15.2-1960 Time Series Charts (Revision of Z15.2-1938)	3.50

●Y32 — Graphical Symbols:

Y32.2-1954 †Graphical Symbols for Electrical Diagrams ..	2.00
★Y32.3-1959 Graphical Symbols for Welding (Revision of Z32.2.1-1949)	3.00
Y32.4-1955 Graphical Symbols for Plumbing (Revision of Z32.2.2-1949)	1.00
Y32.7-1957 Graphical Symbols for Use on Railroad Maps and Profiles (Revision of Z32.2.5-1950)	1.50
Y32.9-1943 Architectural Plans, Graphical Electrical Symbols for	Out of print
Y32.10-1958 Graphical Symbols for Fluid Power Diagrams	1.50

●Y32 — Graphical Symbols (Continued)

As the following standards are revised they will be assigned Y32 numbers.

Z10g5-1933 Graphical Symbols Used for Electric Traction including Railway Signaling (AIEE 17g5-1934)	Out of print
Z32.2.3-1949 Pipe Fittings, Valves, and Piping, Graphical Symbols for	1.00
R1953	
Z32.2.4-1949 Heating, Ventilating, and Air Conditioning, Graphical Symbols for	1.50
R1953	
Z32.2.6-1950 Heat-Power Apparatus, Graphical Symbols for	1.00
R1956	

Z — Miscellaneous

Z1.1-1958 †Guide for Quality Control	2.25
Z1.2-1958 †Control Chart Method of Analyzing Data ..	
Z1.3-1958 †Control Chart Method of Controlling Quality During Production	2.50
★Z2.1-1959 †Head, Eye, and Respiratory Protection, Safety Code for	3.00

Z2 Report — The Spectral-Transmissive Properties of Plastics for Use in Eye Protection.. \$1.50

48-page 8½ x 11 inch, 106 charts, 4 tables, heavy paper cover. This report was prepared by a subcommittee on Transmissive Properties of Plastics, and contains ultraviolet, luminous and infrared spectral transmissive properties and other characteristic data on many of the presently available types of plastics suitable for use in protecting the eyes in industrial and certain other operations. Much of this spectral transmissive data is new and is being presented in this report for the first time.

Z4.1-1955 †Sanitation in Places of Employment, Minimum Requirements for	50
Z4.2-1942 †Drinking Fountains, Specifications for ..	35
Z4.3-1935 Sanitary Privy (Supplement No. 108 to the Public Health Report)	Out of print
Z7.1-1942 Illuminating Engineering Nomenclature and Photometric Standards	Out of print
Z8-1941 †Laundry Machinery and Operations, Safety Code for	Out of print
Z9 †Fundamentals Relating to the Design and Operation of Exhaust Systems (Report published for comment)	Out of print
Z9.1-1951 †Ventilation and Operation of Open-Surface Tanks, Safety Code for .....	.75
Z10 — See Y1, Y10, and Y32 series in the foregoing and on page 38.	

●Z11 — Petroleum Products:

(Special price of series, \$32.00)

Z11.2-1956 Saybolt Viscosimeter, Method of Test for (ASTM D88-56; AASHTO T72) .....	.30
Z11.3-1952 Cone Penetration of Lubricating Grease, Test for (ASTM D217-52T) .....	.30
Z11.4-1957 Melting Point of Paraffin Wax, Method of Test for (ASTM D87-57) .....	.30
Z11.5-1957 Cloud and Pour Points, Method of Test for (ASTM D97-57) .....	.30
Z11.6-1957 Flash and Fire Points by Cleveland Open Cup, Method of Test for (ASTM D92-57) (AASHTO T-48)30

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	Price		Price
●Z11 — Petroleum Products (Continued)		●Z11 — Petroleum Products (Continued)	
Z11.7-1958	Flash Point by Pensky-Martens Closed Tester, Method of Test for (ASTM D93-58)	Z11.36-1958	Test for Existent Gum in Fuels, Method of (ASTM D381-58T)
	.30		.30
★Z11.8-1960	Water and Sediment by Centrifuge, Method of Test for (ASTM D96-59T)	★Z11.37-1960	Knock Characteristics of Motor Fuels by the Motor Method, Method of Test for (ASTM D357-59)
	.30		.30
Z11.9-1956	Water in Petroleum Products and Other Bituminous Materials, Method of Test for (ASTM D95-56T; AASHO T55)	Z11.39-1943	Viscosity-Temperature Charts for Liquid Petroleum Products (ASTM D341-43; API 533-43) (Charts A, B, C, D, and E) ..
	.30	R1947	1.25
★Z11.10-1960	Distillation of Petroleum Products, Method of Test for (ASTM D86-59; AASHO T115)	Z11.41-1952	Unulfonated Residue of Plant Spray Oils, Method of Test for (ASTM D483-52T) ..
	.30		.30
Z11.11-1955	Distillation of Natural Gasoline, Method of Test for (ASTM D216-54)	Z11.42-1952	Stoddard Solvent, Specifications for (ASTM D484-52)
	.30		.30
★Z11.13-1960	Sulfur in Petroleum Products and Lubricants by the Bomb Method, Method of Test for (ASTM D129-58)	★Z11.43-1960	Distillation of Plant Spray Oils, Method of Test for (ASTM D447-59T)
	.30		.30
Z11.14-1957	Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter (ASTM D240-57T)	Z11.44-1958	Vapor Pressure of Petroleum Products (Reid Method), Method of Test for (ASTM D323-58)
	.30		.30
★Z11.16-1960	Analysis of Lubricating Grease, Methods of (ASTM D128-59)	Z11.45-1953	Calculating Viscosity Index, Method for (ASTM D567-53; API 540-53)
	.30		.30
Z11.17-1949	Burning Quality of Kerosine, Method of Test for (ASTM D187-49)	Z11.46-1953	Conversion of Kinematic Viscosity to Saybolt Universal Viscosity, Method for (ASTM D446-53; API 534-53)
	.30		.30
Z11.18-1936	Burning Quality of Mineral Seal Oil, Method of Test for (ASTM D239-30; API 504-30)	★Z11.47-1960	Ramsbottom Carbon Residue of Petroleum Products, Method of Test for (ASTM D524-59)
	.30		.30
Z11.19-1936	Burning Quality of Long-Time Burning Oil for Railway Use, Method of Test for (ASTM D219-36; API 503-36)	Z11.48-1953	Tetraethyl Lead in Gasoline, Method of Test for (ASTM D526-53T)
	.30	R1956	.30
Z11.20-1956	Saponification Number of Petroleum Products by Color-Indicator Titration, Method of Test for (ASTM D94-56T)	Z11.49-1945	Carbonizable Substance in White Mineral Oil (Liquid Petrolatum), Method of Test for (ASTM D565-45; API 545-45)
	.30	R1949	.30
Z11.21-1956	Copper Corrosion by Petroleum Products (Copper Strip Test), Method of Test for (ASTM D130-56)	Z11.50-1945	Carbonizable Substances in Paraffin Wax, Method of Test for (ASTM D612-45; API 544-45)
	.30	R1949	.30
Z11.22-1949	Melting Point of Petrolatum and Microcrystalline Wax, Method of Test for (ASTM D127-49)	Z11.51-1943	Dropping Point of Lubricating Grease, Method of Test for (ASTM D566-42; API 543-42)
	.30	R1958	.30
Z11.23-1932	Autogenous Ignition Temperatures of Petroleum Products, Method of Test for (ASTM D286-30; API 522-30)	Z11.52-1956	Oil Content of Petroleum Waxes, Method of Test for (ASTM D721-56T)
	.30		.30
Z11.24-1956	Flash Point by Tag Closed Tester, Method of Test for (ASTM D56-56)	Z11.53-1957	Conversion of Kinematic Viscosity to Saybolt Furol Viscosity, Method for (ASTM D666-57)
	.30		.30
Z11.25-1958	Carbon Residue of Petroleum Products (Conradson Carbon Residue), Method of Test for (ASTM D189-58)	★Z11.54-1960	Ash from Petroleum Oils, Method of Test for (ASTM D482-59T)
	.30		.30
★Z11.26-1960	Distillation of Gas Oil and Similar Distillate Fuel Oils, Method of Test for (ASTM D158-59)	Z11.56-1949	Chemical Analysis for Metals in Lubricating Oils, Methods of (ASTM D811-48) ..
	.30		.30
Z11.28-1957	Terms Relating to Petroleum, Definitions of (ASTM D288-57)	★Z11.57-1960	Sulfated Residue, Lead, Iron, and Copper in New and Used Lubricating Oils, Methods of Test for (ASTM D810-59) ..
	.30		.30
★Z11.29-1960	Dilution of Gasoline Engine Crankcase Oils, Method of Test for (ASTM D322-58T)	★Z11.58-1960	Sediment in Fuel Oil by Extraction, Method of Test for (ASTM D473-59)
	.30		.30
Z11.30-1952	Precipitation Number of Lubricating Oils, Method of Test for (ASTM D91-52)	Z11.59-1958	Neutralization Value (Acid and Base Numbers) by Potentiometric Titration, Method of Test for (ASTM D664-58)
	.30		.30
Z11.31-1955	API Gravity of Petroleum and Its Products (Hydrometer Method), Method of Test for (ASTM D287-55)	Z11.60-1957	Oxidation Stability of Aviation Fuels (Potential Residue Method), Method of Test for (ASTM D873-57T)
	.30		.30
Z11.32-1955	Distillation of Crude Petroleum, Method of Test for (ASTM D285-54T)	Z11.61-1949	Congeeing Point of Pharmaceutical Petrolatums, Method of Test for (ASTM D938-49)
	.30		.30
Z11.33-1935	Sampling Petroleum and Petroleum Products, Methods of (ASTM D270-33; API 528-33)	Z11.62-1953	Density and Specific Gravity of Hydrocarbon Liquids by the Lipkin Bicapillary Pycnometer, Test for (ASTM D941-55) ..
	.50		.30
Z11.35-1953	Color of Refined Petroleum Oil by Means of Saybolt Chromometer, Method of Test for (ASTM D156-53T) .....		.30

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price
● Z11 — Petroleum Products (Continued)	
Z11.63-1955 Oxygen Stability of Gasoline (Induction Period Method), Method of Test for (ASTM D525-55) .....	.30
Z11.64-1950 Interfacial Tension of Oil Against Water by the Ring Method, Test for (ASTM D971-50) .....	.30
Z11.65-1950 Oxidation Stability of Lubricating Greases by the Oxygen Bomb Method, Test for (ASTM D942-50) .....	.30
★ Z11.66-1960 Butadiene Content of Polymerization Grade Butadiene and Butadiene Concentrate, Method of Test for (ASTM D973-59) ..	.30
Z11.67-1955 Saponification Number of Petroleum Products by Potentiometric Titration, Test for (ASTM D939-54) .....	.30
★ Z11.68-1960 Sulfated Ash from New Lubricating Oils, Method of Test for (ASTM D874-59T) ..	.30
★ Z11.69-1960 Knock Characteristics of Motor Fuels by the Research Method, Method of Test for (ASTM D908-59) .....	.30
Z11.70-1951 Benzene and Toluene by Ultraviolet Spectrophotometry, Test for (ASTM D1017-51) .....	.30
Z11.71-1958 Olefinic Plus Aromatic Hydrocarbons in Petroleum Distillates, Method of Test for (ASTM D1019-58T) .....	.30
Z11.72-1958 Apparent Viscosity of Lubricating Greases, Method of Test for (ASTM D1092-58T) ..	.30
Z11.73-1951 Sodium in Lubricating Oils and Lubricating Oil Additives, Test for (ASTM D1026-51) .....	.30
★ Z11.74-1960 Acetylenes in Butadiene (Silver Nitrate Method), Method of Test for (ASTM D1020-59) .....	.30
Z11.75-1952 Separation of Residue from Butadiene, Test for (ASTM D1023-52) .....	.30
Z11.76-1952 Nonvolatile Residue of Polymerization Grade Butadiene, Test for (ASTM D1025-52) .....	.30
Z11.77-1952 Acidity of Residue from Distillation of Gasoline and of Petroleum Solvents, Test for (ASTM D1093-52) .....	.30
Z11.78-1958 Foaming Characteristics of Lubricating Oils, Test for (ASTM D892-58T) .....	.30
★ Z11.79-1960 Butadiene Dimer and in Styrene Butadiene Concentrates, Method of Test for (ASTM D1024-59) .....	.30
Z11.80-1953 Boiling Point Range of Polymerization Grade Butadiene, Method of Test for (ASTM D1088-53) .....	.30
★ Z11.81-1960 Carbonyl Content of Butadiene, Test for (ASTM D1089-59) .....	.30
Z11.82-1957 Water Tolerance of Aviation Fuels, Method of Test for (ASTM D1094-57) .....	.30
Z11.83-1956 Petroleum Measurement Tables (ASTM D1250-56) (IP 200/52)	
American Edition	8.75
*British Edition	7.00
*Metric Edition	7.70
Standard (Single sheet listing of Tables contained in the above three editions) ..	.30

* Not included in specially priced series of Petroleum Products Standards or complete set of American Standards.

	Price
● Z11 — Petroleum Products (Continued)	
Z11.84-1955 Specific Gravity of Petroleum and Its Products (Hydrometer Method), Method of Test for (ASTM D1298-55) .....	.30
Z11.85-1955 Test for Dust-Preventing Characteristics of Steam-Turbine Oil in the Presence of Water (ASTM D665-54) .....	.30
Z11.86-1955 Test for Aromatic Hydrocarbons in Olefin-Free Gasolines by Silica Gel Adsorption (ASTM D936-55) .....	.30
Z11.87-1955 Test for Oxidation Characteristics of Inhibited Steam-Turbine Oils (ASTM D943-54) .....	.30
Z11.88-1955 Test for Measurement of Freezing Points of High-Purity Compounds for Evaluation of Purity (ASTM D1015-55) .....	.30
Z11.89-1955 Test for Determination of Purity from Freezing Points of High-Purity Compounds (ASTM D1016-55) .....	.50
Z11.90-1955 Test for Oxygen in Butadiene Vapors (Manganous Hydroxide Method) (ASTM D1021-55) .....	.30
Z11.91-1955 Test for Sampling Liquefied Petroleum Gases (ASTM D1265-55) .....	.30
Z11.92-1955 Test for Vapor Pressure of Liquefied Petroleum Gases (ASTM D1267-55) .....	.30
Z11.93-1956 Evaporation Loss of Lubricating Greases and Oils, Method of Test for (ASTM D972-56) ..	.30
Z11.94-1957 Analysis of 60 Octane Number Isooctane-Normal Heptane ASTM Knock Test Reference Fuel Blends by Infrared Spectrophotometry, Method of Test for (ASTM D1095-54) .....	.30
Z11.95-1957 1, 3-Butadiene in C ₄ Hydrocarbon Mixtures by Ultraviolet Spectrophotometry, Method of Test for (ASTM D1096-54) .....	.30
Z11.96-1957 Density and Specific Gravity of Liquids by Bingham Pycnometer, Method of Test for (ASTM D1217-54) .....	.30
Z11.97-1957 Unsaturated Light Hydrocarbons, Silver-Mercuric Nitrate, Method of Test for (ASTM D1268-55) .....	.30
Z11.98-1958 Polarographic Determination of Tetraethyllead in Gasoline, Method for (ASTM D1269-58) .....	.30
Z11.99-1958 Test for Effect of Copper on Oxidation Rate of Grease, Method of (ASTM D1402-58) .....	.30
★ Z11.100-1960 Analysis of Oil-Soluble Sodium Petroleum Sulfonates, Method of (ASTM D855-56) ..	.30
★ Z11.102-1960 Total Inhibitor Content (p-Tertiary-Butyl-Catechol) of Butadiene, Method of Test for (ASTM D1157-59) .....	.30
★ Z11.103-1960 Analysis of Calcium and Barium Petroleum Sulfonates, Method of (ASTM D1216-56) ..	.30
★ Z11.104-1960 Effect of Grease on Copper, Method of Test for (ASTM D1261-55) .....	.30
★ Z11.105-1960 Mercaptan Sulfur in Jet Fuels (Amperometric Method), Method of Test for (ASTM D1323-56) .....	.30

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

● Z11 — Petroleum Products (Continued)

- ★ Z11.106-1960 Lead in New and Used Greases, Method of Test for (ASTM D1262-55) 30

● Z12 — Dust Explosions:

- ★ Z12.1-1959 Pulverized-Fuel Systems, Code for the Installation and Operation of (NFPA No. 60) 50
2nd ed.
- ★ Z12.2-1959 Starch Factories, Standard for the Prevention of Dust Explosions in (NFPA No. 61A) 50
2nd ed.
- ★ Z12.3-1959 Flour and Feed Mills, Code for the Prevention of Dust Explosions in (NFPA No. 61C) 50
- ★ Z12.4-1959 Terminal Grain Elevators, Code for the Prevention of Dust Explosions in (NFPA No. 61B) 50
- ★ Z12.5-1959 Woodworking Plants, Code for the Prevention of Dust Explosions in (NFPA No. 663) 50
- ★ Z12.6-1959 Pulverized Sugar and Cocoa, Standard for the Prevention of Dust Explosions in (NFPA No. 62) 40
2nd ed.
- ★ Z12.7-1959 Coal Preparation Plants, Standard for the Prevention of Dust Explosions in (NFPA No. 653) 50
2nd ed.
- ★ Z12.8-1959 Wood Flour Manufacturing Establishments, Code for the Prevention of Dust Explosions in (NFPA No. 662) 35
- ★ Z12.9-1959 Spice Grinding Plants, Code for the Prevention of Dust Ignitions in (NFPA No. 656) 40
- ★ Z12.11-1959 Manufacture of Aluminum Bronze Powder, Code for the Prevention of Dust Explosions in the (NFPA No. 651) 50
- ★ Z12.12-1959 Sulfur Fires and Explosions, Standard for the Prevention of (NFPA No. 655) 50
- ★ Z12.13-1959 Country Grain Elevators, Code for the Prevention of Dust Ignitions in (NFPA No. 64) 40
- Z12.14-1943 Grain Elevators and Storage Units, Suggested Good Practices for the Application of Suction and Venting for the Control of Dust in (NFPA 661) 25
- ★ Z12.15-1959 Magnesium Powder or Dust, Code for Explosion and Fire Protection in Plants Producing or Handling (NFPA No. 652) 40
- ★ Z12.16-1959 Plastics Industry, Code for the Prevention of Dust Explosions in the (NFPA No. 654) 50
- ★ Z12.18-1959 Confectionery Manufacturing Plants, Code for the Prevention of Dust Explosions in (NFPA No. 657) 40
- ★ Z12.19-1959 Aluminum, Code for the Processing and Finishing of (NFPA No. 65) 40

Z14.1-1946 See Y14, page 40.

Z15 Series See Y15, page 40.

Z16.1-1954 †Method of Recording and Measuring Work Injury Experience 50
R1959

Z16.2-1951 †Compiling Industrial Accident Causes
Part 1—Selection of Accident Factors
Part 2—Detailed Classification of Accident Factors 1.25

Price

- Z17.1-1958 †Preferred Numbers (Embodies ISO R3 and R17) 1.00
- Z20.3-1957 Places of Outdoor Assembly (Grandstands and Tents) (NFPA No. 102) 50

Price

● Z21 — Gas-Burning Appliances, Approval and Installation Requirements:

● Domestic Gas Ranges, Approval Requirements for:

- ★ Z21.1.1-1959 Free Standing Units, Volume I 2.00
- ★ Z21.1.2-1959 Built-In Domestic Cooking Units, Volume II 2.00

●

Z21.2-1949 Gas Hose for Portable Gas Appliances, Listing Requirements on 1.00
R1957

Z21.3-1956 Hotel and Restaurant Gas Ranges and Unit Broilers, Approval Requirements for, with Addenda Z21.3a-1957 and Z21.3b-1959 2.90
(Z21.3a-1957 sold separately 40¢)
(★Z21.3b-1959 sold separately 50¢)

★ Z21.5-1959 Domestic Gas Clothes Dryers, Approval Requirements for 2.00

Z21.6-1957 Domestic Gas-Fired Incinerators, Approval Requirements for, with Addenda Z21.6a-1958 and Addenda Z21.6b-1959 1.90
(Z21.6a-1958 sold separately 15¢)
(★Z21.6b-1959 sold separately 25¢)

Z21.8-1958 Installation of Domestic Gas Conversion Burners, Requirements for 35

★ Z21.9-1959 Hot Plates and Laundry Stoves, Approval Requirements for 2.00

● Gas Water Heaters, Approval Requirements for:

- ★ Z21.10.1-1959 Gas Water Heaters (except Side-Arm Type Water Heaters) Volume I 2.00
- ★ Z21.10.2-1959 Side-Arm Type Water Heaters, Volume II 2.00

●

★ Z21.11-1959 Gas-Fired Room Heaters, Approval Requirements for 2.00

Z21.12-1937 Draft Hoods, Listing Requirements for... 50
R1953

● Central Heating Gas Appliances, Approval Requirements for:

Z21.13.1-1958 Steam and Hot Water Boilers, Volume I, with Addenda Z21.13.1a-1959 2.25
(★Z21.13.1a-1959 sold separately... 25¢)

Z21.13.2-1958 Gravity and Forced Air Central Furnaces, Volume II, with addenda Z21.13.2a-1959 2.50
(★Z21.13.2a-1959 sold separately... 50¢)

★ Z21.13.3-1959 Gravity and Fan Type Floor Furnaces, Volume III 2.00

Z21.13.4-1958 Gravity and Fan Type Vented Recessed Heaters, Volume IV, with Addenda Z21.13.4a-1959 2.20
(★Z21.13.4a-1959 sold separately... 20¢)

●

Z21.15-1958 Manually Operated Gas Valves, Listing Requirements for, with Addenda Z21.15a-1959 2.20
(★Z21.15a-1959 sold separately... 20¢)

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

	Price
● Z21 — Gas Burning Appliances (Continued)	
Z21.16-1957 Gas Unit Heaters, Approval Requirements for, with Addenda Z21.16a-1958 and Z21.16b-1959 2.70 (Z21.16a-1958 sold separately.....50¢) (★Z21.16b-1959 sold separately....20¢)	
Z21.17-1958 Domestic Gas Conversion Burners, Listing Requirements for, with Addenda Z21.17a-1959 2.20 (★Z21.17a-1959 sold separately....20¢)	
Z21.18-1956 Domestic Gas Appliance Pressure Regulators, Listing Requirements for 1.50	
Z21.19-1942 Refrigerators Using Gas Fuel, Approval Requirements for 1.00 R1953	
Z21.20-1951 Automatic Pilots, Listing Requirements for 1.00 R1956	
Z21.21-1952 Automatic Valves for Gas Appliances, Listing Requirements for 1.00 R1957	
Z21.22-1958 Relief and Automatic Gas Shut-off Valves for Use on Water Heating Systems, Listing Requirements for 1.50	
Z21.23-1940 Gas Appliance Thermostats, Listing Requirements for ..... .50 R1953	
Z21.24-1955 Metal Connectors for Gas Appliances, Listing Requirements for, with Addenda Z21.24a-1956 and Z21.24b-1959 1.30 (Z21.24a-1956 sold separately.....10¢) (★Z21.24b-1959 sold separately....20¢)	
★ Z21.27-1959 Hotel and Restaurant Deep Fat Fryers, Approval Requirements for..... 2.00	
Z21.28-1956 Portable Gas Baking and Roasting Ovens, Approval Requirements for, with Addenda Z21.28a-1957 and Z21.28b-1959... 2.90 (Z21.28a-1957 sold separately.....40¢) (★Z21.28b-1959 sold separately....50¢)	
Z21.29-1941 Furnace Temperature Limit Controls and Fan Controls, Listing Requirements for.. .50 R1953	
★ Z21.30-1959 Installation of Gas Piping and Gas Appliances ..... .50	
Z21.31-1956 Gas Counter Appliances, Approval Requirements for, with Addenda Z21.31a-1957 and Z21.31b-1959 2.90 (Z21.31a-1957 sold separately.....40¢) (★Z21.31b-1959 sold separately....50¢)	
Z21.33-1950 Installation of Gas-Burning Equipment in Large Boilers, Requirements for..... 1.00 R1956	
Z21.34-1958 Gas-Fired Duct Furnaces, Approval Requirements for, with Addenda Z21.34a-1959 2.20 (★Z21.34a-1959 sold separately....20¢)	
Z21.35-1945 Gum Protective Devices, Listing Requirements for ..... .50 R1953	
Z21.37-1948 Dual Oven Type Combination Gas Ranges, Approval Requirements for 1.00 R1957	
Z21.38-1957 Installation of Gas Conversion Burners in Domestic Ranges, Requirements for ... .25	
Z21.39-1957 Gas Conversion Burners for Domestic Ranges, Listing Requirements for 2.00	
★ Z21.40-1959 Gas-Fired Absorption Summer Air Conditioning Appliances, Approval Requirements for 2.00	

● Z22 — Motion Pictures:
This number is being discontinued. Standards assigned Z22 numbers are listed under the new number, PH22.

	Price
●	
★ Z23.1-1959 Sieves for Testing Purposes, Wire Cloth Sieves, Round-Hole and Square-Hole Screens or Sieves, Specifications for (ASTM E11-58T; AASHTO M92-42)..... .30	
Z24 Series See S, page 37.	
Z25.1-1940 †Rules for Rounding Off Numerical Values .35 R1947	
Z26.1-1950 †Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways, Safety Code for 1.00	
Z26.2-1953 Thermal Analysis of Steel (ASTM E14-51T) .30	
Z31-1933 Marking of Gold Filled and Rolled Gold Plate Articles Other Than Watchcases (CS47-34) Out of print	
Z32 Series See Y32 on page 40.	
★ Z33.1-1959 Standard for the Installation of Blower and Exhaust Systems for Dust, Stock and Vapor Removal or Conveying (NFPA 91; NBFU 91) ..... .50	
Z34.1-1947 †Practice for Certification Procedures......50 R1959	
★ Z35.1-1959 †Industrial Accident Prevention Signs, Specifications for ☆	

● Z37 — Allowable Concentrations of Toxic Dusts and Gases:

(20% discount will be allowed on the purchase of complete Z37 series)

Z37.1-1941 †Carbon Monoxide, Allowable Concentration of ..... .35	
Z37.2-1941 †Hydrogen Sulfide, Allowable Concentration of ..... .35	
Z37.3-1941 †Carbon Disulfide, Allowable Concentration of ..... .35	
Z37.4-1941 †Benzene, Allowable Concentration of Out of print	
Z37.6-1948 †Manganese, Allowable Concentration of.. .35	
Z37.7-1943 †Chromic Acid and Chromates, Allowable Concentration of ..... .35	
Z37.8-1943 †Mercury, Allowable Concentration of.... .35	
Z37.10-1948 †Xylene, Allowable Concentration of..... .35	
Z37.11-1943 †Lead and Certain of Its Inorganic Compounds, Allowable Concentration of.... .35	
Z37.12-1943 †Toluene, Allowable Concentration of Out of print	
Z37.13-1944 †Oxides of Nitrogen, Allowable Concentration of ..... .35	
Z37.14-1944 †Methanol, Allowable Concentration of ... .35	
Z37.16-1944 †Formaldehyde, Allowable Concentration of Out of print	
Z37.17-1957 †Maximum Acceptable Concentration of Carbon Tetrachloride ..... .50	
Z37.18-1949 †Methyl Chloride, Allowable Concentration of Out of print	
Z37.19-1946 †Trichloroethylene, Allowable Concentration of Out of print	

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price		Price
● Z38 — Photography (other than Cinematography):			
This number is being discontinued. Standards assigned Z38 numbers are listed under the appropriate new numbers:— PH1, Films, Plates, and Paper; PH2, Photographic Sensitometry; PH3, Photographic Apparatus; PH4, Photographic Processing; PH5, Reproduction of Documents.			
Z39.1-1943 R1959	†Reference Data and Arrangement of Periodicals (Identical in all major technical respects with ISO R8)	Z58.1.1-1953	†Nomenclature for Radiometry and Photometry ..... .35
	.35	Z58.1.2-1952	†Colorimetry, Nomenclature and Definitions in the Field of ..... .50
★Z39.4-1959	†Indexes, Basic Criteria for ..... .80	Z58.7.1-1951	†Spectrophotometric Measurement for Color, Method of ..... .75
● Z41 — Specifications for Protective Occupational Footwear (American War Standards):			
Z41.1-1944	†Men's Safety-Toe Shoes ..... .75	Z58.7.2-1951	†Determination of Color Specifications, Method for ..... .75
Z41.2-1944	†Men's Conductive Shoes ..... .75	Z58.7.3-1951	†Expressing Color Specifications, Alternative Methods for ..... .50
Z41.4-1944	†Men's Explosives - Operations (Non-sparking) Shoes ..... .75	★Z60.1-1959	Nursery Stock (AAN) ..... .50
Z41.5-1944	†Men's Electrical-Hazards Shoes ..... .75	Z61.1-1949	†Home Cooking and Baking Utensils, Dimensions, Tolerances, and Terminology for ..... .35
Z41.6-1944	†Men's Foundry (Molders) Shoes ..... .75	Z65.1-1956	†Determining Areas in Office Buildings, Method of ..... .35
Z41.2-1944	†Women's Safety-Toe (Oxford) Shoes ..... .75	Z65.2-1958	†Determining Areas in School Buildings, Method of ..... .75
Z41.7-1944	†Women's Safety-Toe (High) Shoes ..... .75	Z65.3-1958	†Determining Areas in Public Buildings, Method of ..... .50
Z41.8-1944	†Women's Explosives - Operations (Non-sparking) Shoes ..... .75	★Z65.4-1959	†Determining Areas in Hospitals and Related Facilities, Methods of ..... .50
Z41.9-1944	†Women's Conductive Shoes ..... .75	Z66.1-1955	†Minimize Hazards to Children from Residual Surface Coating Materials, Specifications to ..... .35
●			
Z43-1941	†Grinding, Polishing and Buffing Equipment Sanitation ..... .75	Z67.1-1953	Gross Calorific Value and Net Calorific Value of Solid and Liquid Fuels, Definitions of the Terms (ASTM D407-44).... .30
Z48.1-1954	Marking Portable Compressed Gas Containers to Identify the Material Contained, Method for ..... .15	Z68.1-1956	Caloric Value of Gaseous Fuels by the Water-Flow Calorimeter, Method of Test for (ASTM D900-55) ..... .60
Z49.1-1958	Welding and Cutting, Safety in 2.00	Z69.1-1953	Specific Gravity of Gaseous Fuels, Methods of Test for (ASTM D1070-52) ..... .50
Z50.1-1947	†Bakery Equipment, Safety Code for 1.00	Z70.1-1955	†Glass and Metal Luer Tapers for Medical Applications, Dimensions of ..... .50
Z53.1-1953	†Marking Physical Hazards and the Identification of Certain Equipment, Safety Color Code for 1.35	★Z71.1-1959	ASTM Thermometers, Specifications for (ASTM E1-58) ..... .75
Z54.1-1946	†Industrial Use of X-rays, Safety Code for the (American War Standard) 1.50	Z75.1-1955	†Scales for Use with Decimal-Inch Dimensioning ..... .35
Z54.2-1958	Industrial Beta-Ray Sources, Safe Design and Use of (NBS Handbook 66) ..... .20	Z76.1-1955	Hardness Conversion Table for Cartridge Brass (Relationship between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness) (ASTM E93-42).... .30
Z55.1-1950 R1959	†Gray Finishes for Industrial Apparatus and Equipment ..... .35	Z76.2-1955	Hardness Conversion Tables for Steel (Relationship between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness) (ASTM E48-47) ..... .30
	Color Chips representing Gray Finishes according to Z55.1-1950	Z76.3-1955	Hardness Conversion Table for Nickel and High-Nickel Alloys (Relationship between Diamond Pyramid Hardness, Brinell Hardness, and Rockwell Hardness) (ASTM E93-52) ..... .30
	No. 24—Dark Gray 1.00	Z77.1-1955	Analysis of Natural Gases by the Volumetric-Chemical Method, Method for (ASTM D1136-55) ..... .30
	No. 33—Medium Dark Gray 1.00	Z77.2-1955	Analysis of Natural Gases and Related Types of Gaseous Mixtures by the Mass Spectrometer, Method for (ASTM D1137-53) ..... .30
	No. 49—Medium Light Gray 1.00	Z77.3-1955	Water Vapor Content of Gaseous Fuels by Measurement of Dew-Point Temperature, Method of Test for (ASTM D1142-53) ..... .30
	No. 61—Light Gray 1.00	Z77.4-1955	Sampling Natural Gas, Method of (ASTM D1145-53) ..... .30
Z56 Nationally Recognized Standards in State Laws and Local Ordinances \$1.00			
44-page report of ASA Committee Z56 on Model Laws and Ordinances published by ASA to collect ideas and discussion on the question, "How can nationally recognized standards legally be used in state laws and local ordinances?" Points out how lack of uniformity in state and local technical requirements increases costs and reduces public safety; analyzes the need for legal methods to permit widespread use of nationally recognized standards to bring outmoded requirements up to date with new technical developments; summarizes the present status of the "adoption by reference" method; and discusses the method of making compliance with national standards <i>prima facie</i> evidence of compliance with the law.			

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

		Price
Z78.1-1957	Selected Values of Physical and Thermodynamic Properties of Hydrocarbons and Related Compounds	7.00

CS — Commercial Standards

The following Commercial Standards, promulgated by the U. S. Dept. of Commerce, have been approved by ASA:

C58-51	Gage Blanks (American Standard B47.1-1956) .....	.45
C519-32	Foundry Patterns of Wood (American Standard B45.1-1932)	Out of print
C547-34	Marking of Gold Filled and Rolled Gold Plate Articles Other Than Watchcases (American Standard Z31-1933)...	Out of print

		Price
C549-34	*Chip Board, Laminated Chip Board, and Miscellaneous Boards for Bookbinding Purposes	Out of print
C550-34	*Binders Board	Out of print
C551-35	*Marking Articles Made of Silver in Combination with Gold	Out of print
C553-35	*Colors and Finishes for Cast Stone	Out of print
C554-35	*Mattresses for Hospitals	Out of print
C555-35	*Mattresses for Institutions	Out of print
C557-40	*Book Cloths, Buckrams, and Impregnated Fabrics for Bookbinding Purposes except Library Bindings	Out of print
C567-38	*Marking Articles Made of Karat Gold	Out of print

* For information, write to: Commercial Standards Division, Department of Commerce, Washington, D. C.

S A F E T Y

American Safety Standards

(Special Price of Complete Set, \$80.00)

(These standards are also included in the preceding general list)

		Price			Price
A2.1-1956	Fire Tests of Building Construction and Materials, Methods of (ASTM E119-55)...	.30	B13-1924	Logging and Sawmill Safety Code (NBS Handbook H5)	Out of print
A2.2-1956	Fire Tests of Door Assemblies, Methods of (ASTM E152-55T) .....	.30	B15.1-1953	Mechanical Power-Transmission Apparatus, Safety Code for	2.00
A9.1-1953	Building Exits Code (NFPA 101; AIA 40-B-7)	Out of print	B19-1938	Compressed Air Machinery and Equipment, Safety Code for	Out of print
A10.1-1951	Manual of Accident Prevention in Construction	Out of print	B20.1-1957	Conveyors, Cableways, and Related Equipment, Safety Code for	1.50
A10.2-1944	†Building Construction, Safety Code for...	2.00	B24.1-1952	†Forging and Hot Metal Stamping, Safety Code for	1.00
A11.1-1952	Industrial Lighting .....	.50	B28.1-1949	†Mills and Calenders in the Rubber Industry, Safety Code for	2.00
A12-1932	†Floor and Wall Openings, Railings, and Toe Boards, Safety Code for .....	.50	B30.1-1943	Jacks, Safety Code for	1.00
A13.1-1956	Identification of Piping Systems, Scheme for the	1.00	B30.2-1943	Cranes, Derricks, and Hoists, Safety Code for	2.50
A14.1-1959	†Portable Wood Ladders, Safety Code for..	1.50	B31.1-1955	Code for Pressure Piping	3.50
A14.2-1956	†Portable Metal Ladders, Safety Code for ..	.50		(Current except for Sections on Refinery and Oil Transportation Piping which are listed below.)	
A14.3-1956	†Fixed Ladders, Safety Code for	1.00	★B31.3-1959	Petroleum Refinery Piping (Partial Revision of B31.1-1955)	4.00
A17.1-1957	Elevators, Dumbwaiters, and Escalators, Safety Code for (A17.1-1955 and revisions A17.1a-1957)	4.25	★B31.4-1959	Oil Transportation Piping (Partial Revision of B31.1-1955)	2.50
	(A17.1a-1957 sold separately.....)	1.00	B31.8-1958	Gas Transmission and Distribution Piping Systems (Revision of B31.1.8-1955)	2.50
A17.1.5-1953	Private Residence Elevators, Safety Code for (Included in A17.1-1957)		★B56.1-1959	Powered Industrial Trucks, Safety Code for	1.50
A17.2-1945	Elevators, Inspection of (Inspectors' Manual)	2.50	B57.1-1957	Compressed Gas Cylinder Valve Outlet and Inlet Connections (CGA V-1)	1.50
A23.1-1948	School Lighting (AIA 31-F-28)	Out of print	B65.1-1954	†Controls and Signaling Devices for Graphic Arts Presses, Safety Code for .....	.50
★A39.1-1959	†Window Cleaning, Safety Code for	1.00	★C1-1959	National Electrical Code: Paper Bound Edition, 4¾ x 7¼ in., NFPA 70	1.00
A85.1-1956	†Protective Lighting, Practice for .....	.50		Pocket Edition, 4¼ x 6½ in., NBFU 70...	.25
A90.1-1949	Manlifts, Safety Code for	1.00			
B7.1-1956	Use, Care, and Protection of Abrasive Wheels, Safety Code for the	1.00			
B8-1932	†Protection of Industrial Workers in Foundries, Safety Code for .....	.35			
B9.1-1958	Mechanical Refrigeration, Safety Code for (ASRE 15-58)	1.00			
★B11.1-1960	†Power Presses Safety Code for	☆			

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●C2 — National Electrical Safety Code (NBS Handbook H30):

		Price
C2.1-1941 R1947	Installation and Maintenance of Electrical Supply Stations, Safety Rules for the (NBS Handbook H31)	
C2.2-1941 R1947	Installation and Maintenance of Electric Supply and Communication Lines, Safety Rules for the (NBS Handbook H32)	
C2.3-1941 R1947	Installation and Maintenance of Electric Utilization Equipment, Safety Rules for the (NBS Handbook H33)	2.25
C2.4-1939 R1947	Operation of Electric Equipment and Lines, Safety Rules for the (NBS Handbook H34)	
C2.5-1940 R1947	Radio Installations, Safety Rules for (NBS Handbook H35)	

●C5 — Protection Against Lightning, Code for (NFPA 78):

★C5.1-1959	Part I, Protection of Persons	.50
★C5.2-1959	Part II, Protection of Buildings and Miscellaneous Property	
★C5.3-1959	Part III, Protection of Structures Containing Flammable Liquids and Gases	

C33.1-1957	Flexible Cord and Fixture Wire, Safety Standard for (UL 62)	.75
C33.2-1956	Transformer-Type Arc-Welding Machines, Safety Standard for (UL 551)	.75
C33.3-1957	Cord Sets and Power-Supply Cords, Safety Standard for (UL 817)	.50
C33.4-1953	Specialty Transformers, Safety Standard for (UL 506)	.75
C33.5-1956	Wire Connectors and Soldering Lugs, Safety Standard for (UL 486)	.75
C33.6-1957	Rubber-Covered Wires and Cables, Safety Standard for (UL 44)	.75
C33.7-1957	Electrically Heated Pads and Bedding, Safety Standard for (UL 130)	.75
C33.8-1957	Grounding and Bonding Equipment, Safety Standard for (UL 467)	.50
C33.9-1959	Armored Cable, Safety Standards for (UL 4)	.75
D6.1-1955	Manual on Uniform Traffic Control Devices for Streets and Highways, with Supplement	1.25
D7.1-1956	†Inspection Requirements for Motor Vehicles	1.00
D8.1-1956	Railroad Highway Grade Crossing Protection (AAR Bulletin 5)	.50
D10.1-1958	Adjustable Face Traffic Control Signal Head Standards (ITE Technical Report 1-1958)	.50
D11.1-1958	Pre-Timed, Fixed Cycle, Traffic Signal Controllers (ITE Technical Report 2-1958)	.50
D12.1-1953	Street and Highway Lighting	.50
D13.1-1958	Traffic-Actuated, Traffic Signal Controllers and Detectors, Specifications for (ITE Technical Report 3-1958)	.50

●J6 — Specifications for Rubber Protective Equipment for Electrical Workers:

		Price
J6.1-1950	Rubber Insulating Line Hose (ASTM D1050-49T)	
J6.2-1950	Rubber Insulator Hoods (ASTM D1049-49T)	
J6.4-1950	Rubber Insulating Blankets (ASTM D1048-49T)	.75
J6.5-1950	Rubber Insulating Sleeves (ASTM D1051-49T)	
J6.6-1952	Rubber Insulating Gloves, Specifications for (ASTM D120-52T)	
J6.3-1945	†Leather Protective Gloves (American War Standard)	.35
K13.1-1950	†Identification of Gas-Mask Canisters, Safety Code for	Out of print
L1.1-1956	†Textile Safety Code	.75

●L18 — Specifications for Protective Occupational (Safety) Clothing (American War Standards):

L18.1-1944	†Leather Aprons	
L18.2-1944	†Cape Sleeves and Bibs	
L18.3-1944	†Knee-Length Leggings	
L18.4-1944	†Leather Coats	
L18.5-1944	†Leather Overalls	
L18.6-1944	†Leather Sleeves	
L18.7-1944	†Welders' Leather Gauntlet Gloves	
L18.8-1944	†Protective Leather Gloves, Steel-Stapled	
L18.9-1944	†Asbestos Gloves	
L18.10-1944	†Asbestos Gloves, Leather Reinforced	
L18.11-1944	†Asbestos Mittens	
L18.12-1944	†Asbestos Mittens, Leather Reinforced	
L18.14-1944	†Asbestos Aprons (Bib Type)	
L18.15-1944	†Asbestos Cape Sleeves and Bibs	
L18.16-1944	†Asbestos Leggings (Knee and Hip Length)	
L18.17-1944	†Asbestos Coats	
L18.18-1945	†Leather One-Finger Mittens	
L18.19-1945	†Leather Mittens	
L18.20-1945	†Asbestos One-Finger Mittens	
L18.21-1945	†Flame-Resistant Fabric Aprons (Bib Type)	
L18.22-1945	†Flame-Resistant Fabric Leggings (Knee and Hip Length)	
L18.23-1945	†Flame-Resistant Fabric Coats	
L18.24-1945	†Flame-Resistant Fabric Pants	
L18.25-1945	†Flame-Resistant Fabric Coveralls	
L18.26-1945	†Flame-Resistant Fabric Spats	
L18.27-1945	†Leather Spats	
L18.28-1945	†Asbestos Spats	
L18.29-1945	†Chemical-Resistant Gloves	
M2.1-1951	Installing and Using Electrical Equipment in Coal Mines, Safety Rules for (BMTP 402)	.25

Out of print

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

		Price
S	M11-1927	Wire Rope for Mines Out of print
A	M12.1-1944	†Construction and Maintenance of Ladders
F	R1958	and Stairs for Mines ..... .50
E	M13-1925	†Rock-Dusting Coal Mines to Prevent Coal
T	R1942	Dust Explosions ..... .35
Y	M24-1932	†Installing and Using Electrical Equipment
		in Metal Mines, Safety Rules for. Out of print
	M28.1-1955	†Safety Procedures for Quarries 1.50
	O1.1-1954	†Woodworking Machinery, Safety Code for 1.00
	P1.1-1956	†Pulp and Paper Mills, Safety Standard for. 1.00
	★Z2.1-1959	†Head, Eye, and Respiratory Protection,
		Safety Code for 3.00

Z2 Report — The Spectral-Transmissive Properties of Plastics for Use in Eye Protection \$1.50

48-page 8½ x 11 inch, 106 charts, 4 tables, heavy paper cover. This report was prepared by a subcommittee on Transmissive Properties of Plastics, and contains ultraviolet, luminous and infrared spectral transmissive properties and other characteristic data on many of the presently available types of plastics suitable for use in protecting the eyes in industrial and certain other operations. Much of this spectral transmissive data is new and is being presented in this report for the first time.

Z4.1-1955	†Sanitation in Places of Employment, Minimum Requirements for ..... .50
Z4.2-1942	†Drinking Fountains, Specifications for .... .35
Z4.3-1935	Sanitary Privy (Supplement 108 to the Public Health Reports) Out of print
Z8-1941	†Laundry Machinery and Operations, Safety Code for Out of print
Z9	†Fundamentals Relating to the Design and Operation of Exhaust Systems (Report published for comment) Out of print
Z9.1-1951	†Ventilation and Operation of Open-Surface Tanks, Safety Code for ..... .75

●Z12 — Dust Explosions:

★Z12.1-1959	Installation and Operation of Pulverized-Fuel Systems, Code for the (NFPA 60) (Revision of Z12.1-1957 and Z12.17-1946). .50
★Z12.2-1959	Starch Factories, Standard for the Prevention of Dust Explosions in (NFPA 61A) ..... .50
★Z12.3-1959	Flour and Feed Mills, Code for the Prevention of Dust Explosions in (NFPA No. 61C) ..... .50
★Z12.4-1959	Terminal Grain Elevators, Code for the Prevention of Dust Explosions in (NFPA No. 61B) ..... .50
★Z12.5-1959	Woodworking Plants, Code for the Prevention of Dust Explosions in (NFPA No. 663) ..... .50
★Z12.6-1959	Pulverized Sugar and Cocoa, Standard for the Prevention of Dust Explosions in (NFPA No. 62) ..... .40

●Z12 — Dust Explosions (Continued)

★Z12.7-1959	Coal Preparation Plants, Standard for the Prevention of Dust Explosions in (NFPA No. 653)50
★Z12.8-1959	Wood Flour Manufacturing Establishments, Code for the Prevention of Dust Explosions in (NFPA No. 662) ..... .35
★Z12.9-1959	Spice Grinding Plants, Code for the Prevention of Dust Ignitions in (NFPA No. 656) ..... .40
★Z12.11-1959	Manufacture of Aluminum Bronze Powder, Code for the Prevention of Dust Explosions in the (NFPA No. 651) ..... .50
★Z12.12-1959	Sulfur Fires and Explosions, Standard for the Prevention of (NFPA No. 655) .... .50
★Z12.13-1959	Country Grain Elevators, Code for the Prevention of Dust Ignitions in (NFPA No. 64) ..... .40
Z12.14-1943	Grain Elevators and Storage Units, Suggested Good Practices for the Application of Suction and Venting for the Control of Dust in (NFPA 661) ..... .25
★Z12.15-1959	Magnesium Powder or Dust, Code for Explosion and Fire Protection in Plants Producing or Handling (NFPA No. 652) .40
★Z12.16-1959	Plastics Industry, Code for the Prevention of Dust Explosions in the (NFPA No. 654) ..... .50
★Z12.18-1959	Confectionery Manufacturing Plants, Code for the Prevention of Dust Explosions in (NFPA No. 657) ..... .40
★Z12.19-1959	Aluminum, Code for the Processing and Finishing of (NFPA No. 65) ..... .40

Z16.1-1954	†Recording and Measuring Work Injury Experience, Method of ..... .50
Z16.2-1941	†Compiling Industrial Accident Causes
	Part 1—Selection of Accident Factors .. 1.25
	Part 2—Detailed Classification of Accident Factors ..... .50
Z20.3-1957	Places of Outdoor Assembly, Grandstands and Tents (NFPA 102) ..... .50
★Z21.30-1959	Installation of Gas Piping and Gas Appliances in Buildings ..... .50
Z24.22-1957	†Measurement of the Real-Ear Attenuation of Ear Protectors at Threshold, Method for the50

Z24-X2 The Relations of Hearing Loss to Noise Exposure \$1.50

64 pp, 6 x 9 in., 18 figures, 8 tables, heavy paper cover. This report by Exploratory Subcommittee Z24-X-2 of Sectional Committee Z24 on Acoustics, Vibration, and Mechanical Shock analyzes the noise problem. Representing one of the most comprehensive surveys ever made, it tells what factors enter into industrial loss of hearing; how much certain types of noise affect hearing; what allowance to make for recovery of hearing after noise exposure; what loss of hearing to expect of different age groups.

Z26.1-1950	†Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways, Safety Code for 1.00
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	Price
★Z33.1-1959 Standard for the Installation of Blower and Exhaust Systems for Dust, Stock, and Vapor Removal or Conveying (NFPA 91; NBFU 91)50
★Z35.1-1959 †Industrial Accident Prevention Signs, Specifications for	☆

●Z37 — Allowable Concentration of Toxic Dusts and Gases:

Z37.1-1941 †Carbon Monoxide, Allowable Concentration of35
Z37.2-1941 †Hydrogen Sulfide, Allowable Concentration of .....	.35
Z37.3-1941 †Carbon Disulfide, Allowable Concentration of .....	.35
Z37.4-1941 †Benzene, Allowable Concentration of	Out of print
Z37.6-1948 †Manganese, Allowable Concentration of ..	.35
Z37.7-1943 †Chromic Acid and Chromates, Allowable Concentration of .....	.35
Z37.8-1943 †Mercury, Allowable Concentration of ....	.35
Z37.10-1948 †Xylene, Allowable Concentration of ....	.35
Z37.11-1943 †Lead and Certain of Its Inorganic Compounds, Allowable Concentration of ....	.35
Z37.12-1943 †Toluene, Allowable Concentration of	Out of print
Z37.13-1944 †Oxides of Nitrogen, Allowable Concentration of .....	.35
Z37.14-1944 †Methanol, Allowable Concentration of ...	.35
Z37.16-1944 †Formaldehyde, Allowable Concentration of	Out of print
Z37.17-1957 †Maximum Acceptable Concentration of Carbon Tetrachloride .....	.50
Z37.18-1949 †Methyl Chloride, Allowable Concentration of	Out of print
Z37.19-1946 †Trichloroethylene, Allowable Concentration of	Out of print

●Z41 — Specifications for Protective Occupational Footwear (American War Standards):

Z41.1-1944 †Men's Safety-Toe Shoes75
Z41.3-1944 †Men's Conductive Shoes	
Z41.4-1944 †Men's Explosives-Operations (Non-sparking) Shoes	
Z41.5-1944 †Men's Electrical-Hazards Shoes	
Z41.6-1944 †Men's Foundry (Molders) Shoes	

●Z41 — Specifications for Protective Footwear

Z41.2-1944 †Women's Safety-Toe (Oxford) Shoes	Out of print
Z41.7-1944 †Women's Safety-Toe (High) Shoes	
Z41.8-1944 †Women's Explosives-Operations (Non-sparking) Shoes	
Z41.9-1944 †Women's Conductive Shoes	

Z43-1941 †Grinding, Polishing, and Buffing Equipment Sanitation .....	.75
Z48.1-1954 Portable Compressed Gas Containers to Identify the Material Contained, Method for Marking .....	.15
Z49.1-1958 Welding and Cutting, Safety in	2.00
Z50.1-1947 †Bakery Equipment, Safety Code for	1.00
Z53.1-1953 †Marking Physical Hazards and the Identification of Certain Equipment, Safety Color Code for	1.35
Z54.1-1946 †Industrial Use of X-Rays, Safety Code for the (American War Standard)	1.50
Z54.2-1958 Industrial Beta-Ray Sources, Safe Design and Use of (NBS Handbook 66) .....	.20
Z66.1-1955 †Minimize Hazards to Children from Residential Surface Coating Materials, Specifications to .....	.35

PM87.1 American Safety Standards.....Out of print

More than 160 American Safety Standards, many widely used in industry and some incorporated in government regulations, are listed and described in this booklet. A brief commentary on each standard tells what the standard covers and outlines its requirements or recommendations. A comprehensive subject index makes it possible to locate any subject covered in any of the standards quickly and easily. In addition to approved American Safety Standards, the booklet also includes a list of safety standards under development.

American Standards on Consumer Goods

(Special Price of Complete Set \$65.00)

(These standards are also included in the preceding general list)

A14.1-1959 †Portable Wood Ladders, Safety Code for..	1.50
A14.2-1956 †Portable Metal Ladders, Safety Code for ..	.50
B38.1-1955 †Food-Storage Volume and Shelf Area of Automatic Household Refrigerators, Method of Computing .....	.35
★B38.2-1959 †Household Electric Refrigerators (Mechanically Operated), Test Procedures for (NEMA HRF2-1955) .....	.75
B38.3-1955 Methods of Rating and Testing Home Freezers .....	.50
★C1-1959 National Electrical Code (NFPA 70)	1.00

●C5 — Protection Against Lightning, Code for (NFPA 78):

★C5.1-1959 Part I, Protection of Persons50
★C5.2-1959 Part II, Protection of Buildings and Miscellaneous Property	
★C5.3-1959 Part III, Protection of Structures Containing Flammable Liquids and Gases	
★C18.1-1959 Dry Cells and Batteries, Specifications for (NBS Handbook 71) .....	.25
C70.1-1953 Household Automatic Electric Flatirons (NEMA DAI-1954)	1.00

★, approved since last price list; ☆, not yet available; †, quantity prices apply; R, reaffirmed

C O N S U M E R G O O D S	Price		Price	
	C71.1-1950	Household Electric Ranges (NEMA ERI-1950) .....	.90	
	C72.1-1949	Household Automatic Electric Storage-Type Water Heaters (NEMA WHI-1949) .....	.90	
	C91.1-1958	Residential Wiring, Requirements for (AIA 31-C-61) .....	.25	
	K60.6-1956	Milled Toilet Soap, Specifications for, (ASTM D455-55) .....	.30	
	K60.12-1958	Trisodium Phosphate, Specifications for, (ASTM D538-57T) .....	.30	
	L4.1-1948	†Bleached Cotton Bed Sheets and Pillowcases, Specifications for .....	.35	
	L11.1-1941	†Body Sizes for Boys' Garments .....	.35	
	●L12—Definitions (Including Tolerances) for Filling Materials for Bedding and Upholstery:			
	L12.1-1946	†Cotton .....	.50	
	L12.2-1946	†Wool		
	L12.4-1946	†Miscellaneous		
	L14.12-1957	Terms Relating to Textile Materials, Definitions of (ASTM D123-55) .....	.60	
	★L14.14-1959	Testing Sewing Threads, Methods of (ASTM D204-57T) .....	.30	
	L14.56-1956	†Colorfastness to Perspiration (AATCC 15-52) .....	.35	
	L14.58-1956	†Colorfastness to Peroxide Bleaching (Cotton) (AATCC 29-52) .....	.35	
	●L22—Rayon and Acetate Fabrics, Minimum Requirements: (Complete, Bound \$4.25)			
	L22.1.1- through L22.1.24-1952			
	†Part I, Women's and Girls' Rayon and Acetate Wearing-Apparel Fabrics			1.00
	(Part I and Test Methods)			(\$3.00)
	L22.2.1- through L22.2.16-1952			
	†Part II, Men's and Boys' Rayon and Acetate Wearing-Apparel Fabrics .....			.80
	(Part II and Test Methods)			(\$2.80)
	L22.3.1- through L22.3.11-1952			
	†Part III, Rayon and Acetate Home-Furnishings Fabrics .....			.65
	(Part III and Test Methods)			(\$2.65)
	†Part IV, Test Methods used in conjunction with L22 Standards			2.25
	●L24—Institutional Textiles, Minimum Performance Requirements for: (Complete Set, Bound, \$6.25)			
	L24.1.1- through L24.1.7-1955			
	†Part I, Institutional Furnishings .....			.65
	L24.2.1- through L24.2.11-1955			
	†Part II, Utility Textiles .....			.90
	(including L4.1-1948)			
	L24.3.1- through L24.3.7-1955			
	†Part III, Uniforms .....			.90
	(including L22.1.4-, L22.1.6-, and L22.2.7-1952)			
	L24.4.1- through L24.4.11-1955			
	†Part IV, Work Clothes .....			.90
	L24.5.1-1955			
	Permanent Labels, Detachable Tags and Certification of Fabrics or Products .....			.35
	†Part V, Test Methods			2.75
	●Photography			
	PH1.28-1957	†Photographic Films for Permanent Records, Specifications for (Revision of Z38.3.2-1945) .....	.50	
	PH1.31-1958	†Brittleness of Photographic Film, Method for Determining the .....	.80	
	PH2.7-1955	†Photographic Exposure Computer (Special quantity discounts apply)	1.50	
	PH2.12-1957	†General-Purpose Photographic Exposure Meters (Revision of Z38.2.6-1948) .....	.75	
	PH3.13-1958	†Focal Length Marking of Lenses (Revision of Z38.4.4-1942) .....	.35	
	PH3.27-1949 R1957	†Lantern Slide Projectors, Specifications for (Reaffirmation of Z38.7.14-1949) .....	.35	
	PH3.28-1945 R1957	†Slidefilm Projectors, Specifications for, (Reaffirmation of Z38.7.15-1945) .....	.35	
	PH3.29-1958	†Apertures and Related Quantities Pertaining to Photographic Lenses, Methods of Designating and Measuring .....	.35	
	PH3.31-1958	†Photographic Enlargers, Methods for Testing (Revision of Z38.7.6-1950) .....	.50	
	★PH3.32-1959	†Exposure-Time Markings for Shutters Used in Still Cameras (Revision of PH3.3 and PH3.5-1952) .....	.35	
	★PH3.33-1959	†Aperture Markings for Still Camera Lenses (Revision of Z38.4.7-1950) .....	.35	
	★PH3.34-1959	†Projectors for Opaque Materials, Specifications for (Revision of Z38.7.4-1944) ..	.35	
	PH4.6-1953	†Converting Weights and Measures for Photographic Use, Method for .....	.35	
	PH4.7-1958	†Photographic Thermometers .....	.35	
	PH4.25-1958	†Photographic Laboratory Spring-Driven Timers, Specification for .....	.35	
	★PH5.1-1959	†Microfilm Readers for 16mm and 35mm Film on Reels, Specifications for (Revision of Z38.7.9-1946) .....	.35	
	Z38.7.5-1948	†Printing and Projection Equipment, Methods of Testing .....	.35	
	Z38.8.3-1947	†Photographic Processing Manipulation of Films and Plates, Practice for .....	.50	
	Z38.8.6-1949	†Photographic Processing Manipulation of Paper, Practice for .....	.50	
	Z38.8.13-1950	†Safety-Time of Photographic Dark-Room Illumination, Procedure for Determining the .....	.35	
	Z38.8.25-1950	†Residual Thiosulfate and Tetrathionate in Processed Photographic Papers, Method for Determining .....	.35	
	●			
	X2.4.3-1956	Ring, Memo and Post Binder Sheet Sizes and Ring and Post Data (NOMA N4.3-1954) .....	.25	
	●Domestic Gas Ranges, Approval Requirements for:			
	★Z21.1.1-1959	Free Standing Units, Volume I	2.00	
	★Z21.1.2-1959	Built-In Domestic Cooking Units, Volume II	2.00	
	●			
	Z21.2-1949 R1957	Gas Hose for Portable Gas Appliances, Listing Requirements on	1.00	
	★Z21.5-1959	Domestic Gas Clothes Dryers, Approval Requirements for	2.00	
	Z21.6-1957	Domestic Gas-Fired Incinerators, Approval Requirements for, with Addenda Z21.6a-1958 and Addenda Z21.6b-1959	1.90	
		(Z21.6a-1958 sold separately .....	.15¢	
		(★Z21.6b-1959 sold separately .....	.25¢	
	Z21.8-1958	Installation of Domestic Gas Conversion Burners, Requirements for35	
	★Z21.9-1959	Hot Plates and Laundry Stoves, Approval Requirements for	2.00	

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● Gas Water Heaters, Approval Requirements for:			
★Z21.10.1-1959 Gas Water Heaters (except Side-Arm Type Water Heaters) Volume I.....	2.00	Z21.17-1958 Domestic Gas Conversion Burners, Listing Requirements for, with Addenda Z21.17a-1959	2.20
★Z21.10.2-1959 Side-Arm Type Water Heaters, Volume II	2.00	(★Z21.17a-1959 sold separately....	20¢)
★Z21.11-1959 Gas-Fired Room Heaters, Approval Requirements for	2.00	Z21.19-1942 R1953 Refrigerators Using Gas Fuel, Approval Requirements for	1.00
Z21.12-1937 Draft Hoods, Listing Requirements for...	.50	Z21.24-1955 Metal Connectors for Gas Appliances, Listing Requirements for, with Addenda Z21.24a-1956 and Z21.24b-1959.....	1.30
R1953		(Z21.24a-1956 sold separately....	10¢)
		(★Z21.24b-1959 sold separately....	20¢)
● Central Heating Gas Appliances, Approval Requirements for:			
Z21.13.1-1958 Steam and Hot Water Boilers, Volume I with Addenda Z21.13.1a-1959.....	2.25	Z21.28-1956 Portable Gas Baking and Roasting Ovens, Approval Requirements for, with Addenda Z21.28a-1957 and Z21.28b-1959.....	2.90
(★Z21.13.1a-1959 sold separately....	25¢)	(Z21.28a-1957 sold separately....	40¢)
Z21.13.2-1958 Gravity and Forced Air Central Furnaces, Volume II, with Addenda Z21.13.2a-1959	2.50	(★Z21.28b-1959 sold separately....	50¢)
(★Z21.13.2a-1959 sold separately....	50¢)	★Z21.30-1959 Installation of Gas Piping and Gas Appliances in Buildings.....	.50
★Z21.13.3-1959 Gravity and Fan Type Floor Furnaces, Volume III	2.00	Z21.37-1948 R1957 Dual Oven Type Combination Gas Ranges, Approval Requirements for	1.00
Z21.13.4-1958 Gravity and Fan Type Vented Recessed Heaters, Volume IV with Addenda Z21.13.4a-1959	2.20	Z21.38-1957 Installation of Gas Conversion Burners in Domestic Ranges, Requirements for ...	.25
(★Z21.13.4a-1959 sold separately....	20¢)	Z21.39-1957 Gas Conversion Burners for Domestic Ranges, Listing Requirements for	2.00
●		★Z21.40-1959 Gas-Fired Absorption Summer Air Conditioning Appliances, Approval Requirements for	2.00
Z21.16-1957 Gas Unit Heaters, Approval Requirements for, with Addenda Z21.16a-1958 and Z21.16b-1959	2.70	★Z60.1-1959 Nursery Stock (AAN) .....	.50
(Z21.16a-1958 sold separately....	50¢)	Z61.1-1949 †Home Cooking and Baking Utensils, Dimensions, Tolerances, and Terminology for .....	.35
(★Z21.16b-1959 sold separately....	20¢)		

What Is the American Standards Association

The American Standards Association (ASA) is the national clearinghouse and coordinating agency for voluntary standards in the United States. ASA is a federation of 122 trade associations and professional societies. It has more than 2,000 company members. Founded in 1918 by five engineering societies to coordinate the development of national standards, ASA in 1948 was incorporated under the laws of the State of New York as a non-profit organization.

Financial support of ASA, like the development and use of American Standards, is voluntary. ASA's income is derived mainly from membership fees and the sale of American Standards. However, ASA's facilities are available to all comers—members and nonmembers alike.

The main functions of ASA are:

1. To provide systematic means for the development of American Standards
2. To promote the development and use of national standards in the United States
3. To approve standards as American Standards provided they are accepted by a consensus of all national groups substantially concerned with their scope and provisions
4. To coordinate standardization activities in the United States
5. To serve as a clearinghouse for information on American and foreign standards
6. To represent American interests in international standardization work

ASA in the International Field

The ISO: The American Standards Association is the U.S. Member Body of the International Organization for Standardization (ISO). The ISO has 44 national standards bodies as its world members. The technical program conducted by the ISO offers either participation or observer status to each of its members in accordance with a nation's interest in any given project field.

The PASC: The ASA is a member of the Pan American Standards Committee recently created to foster inter-American standardization.

The IEC: The ASA is also a member of the International Electrotechnical Commission (IEC) which has been in existence since 1904. The U.S. National Committee of the IEC has administrative and technical affiliation with the American Standards Association. Since 1947 the IEC has been affiliated with the ISO as a technical division. The object of the IEC is to facilitate the coordination and unification of national electrotechnical standards and to coordinate the activities of other international organizations in this field.

ISO Recommendations

The following publications of the International Organization for Standardization are available from the American Standards Association.

ISO No.	Price	ISO No.	Price
R1	Standard Reference Temperature for Industrial Length Measurements (1954).....	R15	Ball and Roller Bearings (1955) (Corresponds to American Standard B3.5-1951).....
R2	Designation of the Direction of Twist in Textile Yarns (1954)	R16	Standard Tuning Frequency (Standard Musical Pitch) (1955) (Embodied in American Standard Z24.1-1951)
R3	Preferred Numbers—Series of Preferred Numbers (1954) (Embodied in American Standard Z17.1-1958)	R17	Guide to the Use of Preferred Numbers and of Series of Preferred Numbers (1956) (Embodied in American Standard Z17.1-1958).....
R4	International Code for the Abbreviation of Titles of Periodicals (1954)	R18	Short Contents List of Periodicals or Other Documents (1956)
R5	Diffuse Transmission Density (Photography) (1955) (Embodied in American Standard PH2.19-1959)	R19	Shipbuilding Details for Sea Navigation—Deck Bolts (1956)
R6	Method for Determining Photographic Speed and Exposure Index (1955) (Embodied in American Standard PH2.5-1954)	R20	Shipbuilding Details for Inland Navigation—Rivets for Hatches (1956).....
R7	Pipe Threads for Gas List Tubes and Screwed Fittings Where Pressure-Tight Joints Are Made on the Threads (1/4 Inch to 6 Inches) (1955)...	R21	Shipbuilding Details for Inland Navigation—Sprocket Wheels (1956)
R8	Layout of Periodicals (1955) (Identical in all major technical respects with American Standard Z39.1-1943, R1959).....	R22	Widths of Flat Transmission Belts and Corresponding Pulleys (1956).....
R9	International System for the Transliteration of Cyrillic Characters (1955)	R23	Emulsion and Sound Record Positions in Camera—For 35mm Sound Motion Picture Film (1956) (Embodied in American Standard PH22.2-1954)
R10	Aircraft Connection for Ground Air-Conditioning (1955)	R24	Emulsion and Sound Record Positions in Projector—For 35mm Sound Motion Picture Film (1956) (Embodied in American Standard PH22.3-1954)
R11	Aircraft Pressure Cabin Ground Test Connection (1955)	R25	Emulsion Position in Camera—For 16mm Silent Motion Picture Film (1956) (Embodied in American Standard PH22.9-1956).....
R12	Identification of Aircraft Pipelines (1955).....	R26	Emulsion Position in Projector for Direct Front Projection of 16mm Silent Motion Picture Film (1956) (Embodied in American Standard PH22.10-1956)
R13	Cast Iron Pipes, Special Castings and Cast Iron Parts for Pressure Main Lines (1955).....		
R14	Straight-Sided Splines (for Cylindrical Shafts), Nominal Dimensions in Millimeters (1955)...		

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ISO No.	Price	ISO No.	Price
R27 Emulsion and Sound Record Positions in Camera—For 16mm Sound Motion Picture Film (1956) (Embodied in American Standard PH22.15-1955)60	R51 Shipbuilding Details for Inland Navigation Pipe Lines for the Transport of Combustible Liquids Nominal Diameters (1957)60
R28 Emulsion Position in Camera—For 8mm Silent Motion Picture Film (1956) (Embodied in American Standard PH22.21-1953) .....	.60	R52 Grooved Pulleys for V-Belts Groove Sections A, B, C, D, E (1957)	1.20
R29 Emulsion Position in Projector for Direct Front Projection of 8mm Silent Motion Picture Film (1956) (Embodied in American Standard PH22.22-1953) .....	.60	R53 Basic Rack of Cylindrical Gears for General Engineering (1957) .....	.60
R30 Bibliographical Strip (1956) .....	.60	R54 Modules and Diametral Pitches of Cylindrical Gears for General Engineering (1957) .....	.60
R31 Fundamental Quantities and Units of the Mksa Part I System and Quantities and Units of Space and Time (1956)	1.80	R58 Substances of Paper (1958) .....	.60
Part II Quantities and Units of Periodic and Related Phenomena (1958)	1.20	R59 Plastics, Determination of the Percentage of Acetone Soluble Matter in Phenolic Mouldings (1958) .....	.60
R32 Identification of Medical Gas Cylinders (1957) ..	1.50	R60 Plastics, Determination of Apparent Density of Moulding Material that can be Poured from a Specified Funnel (1958) .....	.60
R33 Du Pont Constant Load Method of Measuring Abrasion Resistance of Vulcanized Natural and Synthetic Rubbers (1957)	1.20	R61 Plastics, Determination of Apparent Density of Moulding Material that cannot be Poured from a Specified Funnel (1958) .....	.60
R34 Determination of Tear Strength of Vulcanized Natural and Synthetic Rubbers (Crescent Test Piece) (1957)	1.20	R62 Plastics, Determination of Water Absorption (1958) .....	.60
R35 Determination of the Mechanical Stability of Latex (1957) .....	.60	R63 Lengths of Flat Transmission Belts (1958) .....	.60
R36 Determination of the Adhesion of Vulcanized Natural or Synthetic Rubbers to Textile Fabrics (1957) .....	.60	R64 Steel Tubes Outside Diameters (1958) .....	.60
R37 Determination of Tensile Stress-Strain Properties of Vulcanized Natural and Synthetic Rubbers (1957)	1.20	R65 Steel Tubes Suitable for Screwing in Accordance with ISO Recommendation R7 (1958)	1.20
R38 Shipbuilding Details for Sea Navigation—Bollards (Vertical Type) with and without Lugs (1957) ..	.60	R67 Muscovite Mica Blocks, Thins and Films, Methods for Grading by Size (1958) (Embodies portions of American Standards C59.27-1957 and C59.26-1958)	2.10
R39 Shipbuilding Details for Sea Navigation—Anchor Chains—Lugless Joining Shackles, Kenter Type (1957) .....	.60	R68 Screw Threads (1958)	1.20
R40 Shipbuilding Details for Sea Navigation and Inland Navigation—Anchor Chains—Studless Links (1957) .....	.60	R69 Dimensions for 16mm Motion-Picture Film with Perforations Along One and Two Edges (1958) (Embodied in American Standards PH22.5-1953 and PH22.12-1953) .....	.60
R41 Shipbuilding Details for Inland Navigation—Covers for Deck Openings for 220mm Pumps (1957) .....	.60	R70 Photographic Sound Record on 35mm Prints (1958) (Embodied in American Standard PH22.40-1957) .....	.60
R42 Shipbuilding Details for Inland Navigation—Mushroom Ventilators (1957) .....	.60	R71 Photographic Sound Record on 16mm Prints (1958) (Embodied in American Standard PH22.41-1957) .....	.60
R43 Aircraft Jacking Pads (1957) .....	.60	R72 Sound Records and Scanning Area of 35mm Double Width Push-Pull Sound Prints (Normal and Offset Centerline Types) (1958) (Embodied in American Standards PH22.69-1948, R1953 and PH22.70-1948, R1953) .....	.60
R44 Directions of Operation of Toggle Switches on Aircraft (1957) .....	.60	R73 Image Produced by Camera Aperture and Projected Image Area for 35mm Films (1958) (Embodied in American Standards PH22.58-1954 and PH22.59-1954) .....	.60
R45 Aircraft Pressure Refueling Connections (1957) ..	.60	R74 Image Produced by Camera Aperture and Projected Image Area for 8mm Films (1958) (Embodied in American Standards Z22.19-1950 and PH22.20-1957) .....	.60
R46 Aircraft Fuel Nozzle Grounding Plugs and Sockets (1957) .....	.60	R75 Plastics, Determination of Temperature of Deflection Under Load (1958)	1.20
R47 Aircraft Toilet Flushing and Draining Connections (1957) .....	.60	R76 Ball and Roller Bearings—Methods of Evaluating Static Load Ratings (1958) (Embodied in American Standard B3.11-1959)	1.80
R48 Determination of Hardness of Vulcanized Natural and Synthetic Rubbers (1957)	1.20	R77 Bibliographical References, Essential Elements (1958)	1.20
R49 Malleable Cast Iron Pipe Fittings Screwed in Accordance with ISO Recommendation R7 (1957)	4.80	R92 Definition of Side (Left or Right) of Spinning Machinery (1959) .....	.60
R50 Steel Sockets Screwed in Accordance with ISO Recommendation R7 Minimum Lengths (1957) ..	.60		

ISO No.		Price
R93	Cylindrical Sliver Cans (1959).....	.60
R94	Spindle Gauges for Ring-Spinning and Ring-Doubling Frames (1959) .....	.60
R95	Rings for Ring-Spinning and Ring-Doubling Frames for "C" Travellers (Reversible) (1959).....	.60
R96	Rings for Ring-Spinning and Ring-Doubling Frames for "C" Travellers (Non Reversible) (1959) .....	.60
R97	Rings for Ring-Spinning and Ring-Doubling Frames for Ear-Shaped Travellers (1959).....	.60
R98	Diameters of Drafting Rollers, for Cotton, Wool, Spun Silk and Staple Fibre (1959).....	.60
R99	Diameters of Pulleys for Flat Transmission Belts (1959) .....	.60
R100	Crowns of Pulleys for Flat Transmission Belts (1959) .....	.60
R101	Width of Sheets of Paper (1959).....	.60
R102	Gravity Filling Orifices for Aircraft (1959).....	.60
R103	Sizes and Mounting Dimensions of Aircraft Instrument Cases (Rear-Mounting Type) (1959).....	.60

ISO No.		Price
R108	Weaving Looms, Definition of Side (Left or Right) (1959) .....	.60
R109	Weaving Looms, Working Width (1959).....	.60
R110	Paper Cones for Yarn Winding (Cross Wound) Taper 9°15' (1959).....	.60
R111	Paper Cones for Yarn Winding (Cross Wound) Taper 4°20' (1959).....	.60
R112	Paper Cones for Yarn Winding (Cross Wound) Taper 3°30' (1959).....	.60

Bulletins of the ISA (the organization that preceded ISO) distributed pending reaffirmation by ISO.

ISA Bulletin No.		Price
9	Rules for Measuring the Flow of Fluids by Means of Nozzles and Orifice Plates (Chapters 1-5)...	1.25
12	Rules for Measuring the Flow of Fluids by Means of Nozzles and Orifice Plates (Chapters 6-7)...	.75
25	ISA Tolerance System for Limits and Fits	2.25

IEC Recommendations

The following publications of the International Electrotechnical Commission are available from the American Standards Association. All recommendations are published in French-English editions. Russian-English editions are also available for those recommendations preceded by a check (✓).

IEC No.		Price
27	International Letter Symbols Used in Connection with Electricity — Quantity Symbols—Alphabets and Letter Type (third edition, 1953)	1.20
28	International Standards of Resistance for Copper (1925) .....	.80
*34-1	Recommendations for Rotating Electrical Machinery (Excluding Machines for Traction Vehicles) (fifth edition, 1953, Part I)	2.00
34-2	Recommendations on Determination of Efficiency of Rotating Electrical Machinery (Excluding Efficiency of Traction Motors) (fifth edition, 1955, Part II)	2.00
34-3	✓Recommendations for Preferred Standard 3,000 rev/min, 3-phase, 50 c/s Turbine-Type Generators, Part III (1958).....	2.40
*35	International Symbols, Graphical Symbols for Heavy-Current Systems (1930, Part II) <i>Out of print</i>	
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*44	Recommendations for Instrument Transformers (1931)	<i>Out of Print</i>
45	✓Recommendations for Steam Turbines, Part I; Specification (second edition, 1958).....	3.20
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Rules for the Measurement of Test-Voltage at Power-Frequencies in Dielectric Tests by Sphere Gaps (1935).....	<i>Out of print</i>	Safety Requirements for Electric Mains-Operated Radio Receiving Apparatus (1952) (CCE 1) (Including Appendix I, 1955, Appendix II, 1955, and Amendment I, 1958) (Appendices and Amendment also sold separately)	6.00
53		Appendix I: Particular Specifications for Electric Mains-Operated Amplifiers (1955)	1.60
Schedule of Information to Be Given with Enquiries and Orders for Electrical Machines (1935)	<i>Out of print</i>	Appendix II: Particular Specifications for Independent Loudspeakers (1955).....	1.60
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Index to Titles of American Standards and International Recommendations

The following is an index to subject words in the titles of American Standards and ISO and IEC Recommendations. American Standards are listed on pages 6-51, under the general subject in which they are classified; for example, Civil Engineering, A; Mechanical Engineering, B; Electrical Engineering, C. For a complete list of subjects and their symbols, see Table of Contents, page 1. The standards are listed in alphabetical-numerical sequence. Thus American Standard B5.20 can be found under section B—Mechanical Engineering, in numerical order under B5. In the listing, the number following the hyphen is the year in which the standard was approved by the American Standards Association.

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